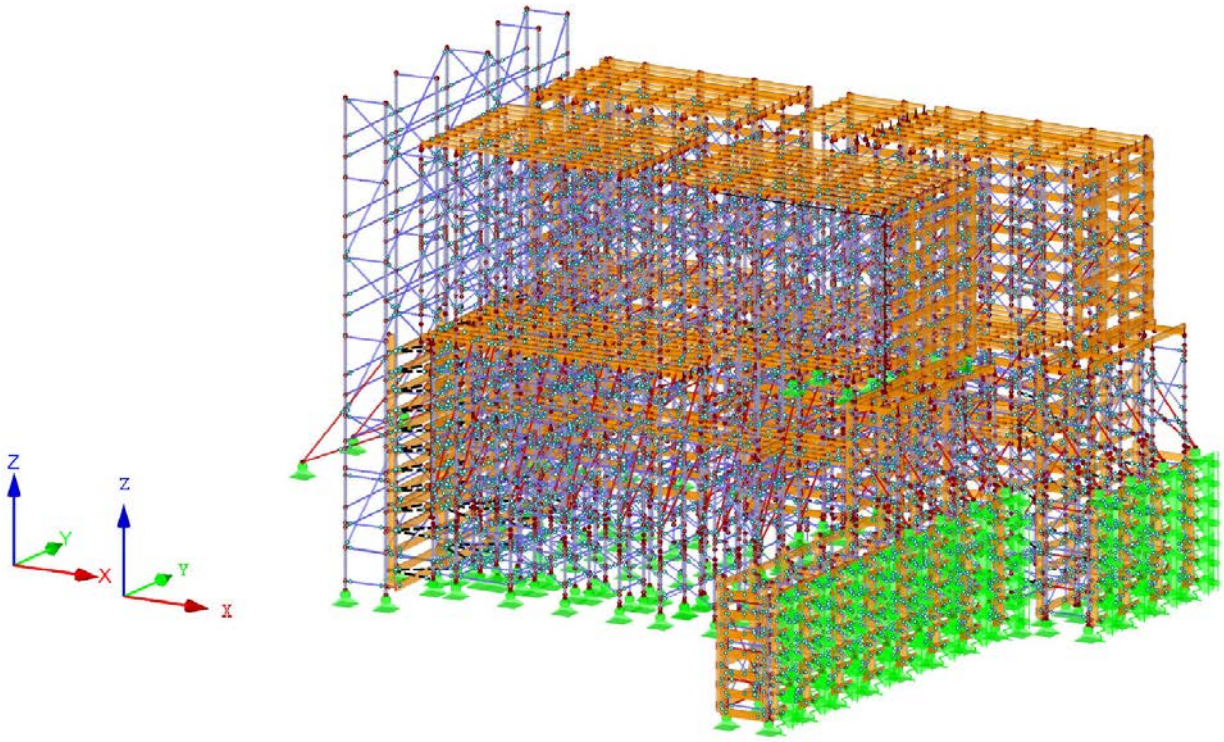

ΤΕΥΧΟΣ ΣΤΑΤΙΚΩΝ ΥΠΟΛΟΓΙΣΜΩΝ

ΜΕΛΕΤΗ ΥΠΟΣΤΥΛΩΣΗΣ ΚΑΙ ΑΝΤΙΣΤΗΡΙΞΗΣ ΟΙΚΙΑΣ ΠΑΙΔΩΝ ΣΤΗ ΧΑΛΚΙΔΑ ΕΥΒΟΙΑΣ

ΜΕΛΕΤΗΤΗΣ:
ΛΕΛΗΣ ΚΩΝΣΤΑΝΤΙΝΟΣ

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ΤΕΧΝΙΚΗ ΕΚΘΕΣΗ

1. Γενικά

Η παρούσα μελέτη έχει γίνει με την παραδοχή γραμμικής συμπεριφοράς των υλικών (χάλυβα) και σύμφωνα με τη θεωρία πρώτης τάξης. Οι μονάδες είναι kN για τις δυνάμεις, m για τα μήκη, καθώς και τα παράγωγά τους μεγέθη. Κατά τη μετάβαση από τη φυσική κατασκευή στο στατικό προσομοίωμα, τα διάφορα στοιχεία της κατασκευής μεταφράζονται στο Μηχανικό και στο Φορτιστικό Προσομοίωμα έτσι ώστε να δημιουργηθεί και στη συνέχεια να επιλυθεί το ενιαίο μαθηματικό προσομοίωμα.

2. Περίληψη

Η παρούσα τεχνική περιγραφή αφορά στη μελέτη μεταλλικού ικριώματος που θα κατασκευαστεί με σκοπό την υποστύλωση και αντιστήριξη των φερόντων στοιχείων της οθωμανικής οικίας της οδού Παίδων στη Χάλκιδα για την διαδικασία της αποκατάστασής της.

Αρχικά τα τμήματα της κατασκευής που υποστηρίζονται είναι τα δάπεδα του μεσοπατώματος και του ορόφου καθώς και η στέγη. Στην περίπτωση της υποστήριξης το φορτίο που καλούνται να παραλάβουν τα μεταλλικά ικριώματα είναι το φορτίο των ξύλινων δαπέδων και της στέγης ως μόνιμα και κινητό φορτίο εργασίας στα επίπεδα αυτά. Σαν επιπλέον κινητό φορτίο λαμβάνουμε στις οριζόντιες διευθύνσεις (ξεχωριστά στην καθεμιά) το 10% του κατακόρυφου φορτίου (σύμφ. ΕΝ12810) για να λάβουμε υπόψη την κίνηση πάνω στο δάπεδο.

Σχετικά με τις αντιστηρίξεις μορφώνουμε διατάξεις παραλαβής οριζοντίων δράσεων και στις δύο διευθύνσεις που θα αντιστηρίζουν τους τοίχους στην εκτός επιπέδου διεύθυνση τους.

Στον Βόρειο τοίχο ο οποίος έχει ύψος περίπου 8,50m από τη στάθμη του περιβάλλοντος χώρου, η αντιστήριξη σχεδιάζεται στην εκτός επιπέδου διεύθυνσή του (Βοράς-Νότος) και συγκεκριμένα προς την κατεύθυνση του Νότου γιατί ο Βόρειος τοίχος βρίσκεται στη βόρεια πλευρά του σε επαφή με γειτονικό κτίριο άλλης ιδιοκτησίας. Στη περίπτωση του βόρειου τοίχου η αντιστήριξη με κατασκευή ικριωμάτων μπορεί να παραλάβει το 50% της μάζας του.

Στην κάθετη στην παραπάνω διεύθυνση (Ανατολή-Δύση) αντιστηρίζονται ο Ανατολικός, ο Δυτικός και ο εσωτερικός τοίχος που χωρίζει την κάτοψη του ισογείου σε δύο χώρους. Οι τοίχοι αυτοί φτάνουν μέχρι τη στάθμη της οροφής του ισογείου δηλαδή μέχρι ύψος 4,50m από τον περιβάλλοντα χώρο. Στη διεύθυνση αυτή της αντιστήριξης έχει ληφθεί η μάζα των τοίχων στο σύνολό της.

Επιπλέον στον περιβάλλοντα χώρο του κτιρίου νοτιοδυτικά αυτού μορφώνεται κατασκευή για να αντιστηριχθεί ένα τμήμα τοιχοποιίας που βρίσκεται σ' αυτή τη θέση ύψους περίπου 4,50m.

Στον υπολογισμό των αντιστηρίξεων θεωρούμε ότι το κατώτερο 1,00m των τοίχων μεταβιβάζει απευθείας το βάρος του στο έδαφος και δεν επιβαρύνει την αντιστήριξη.

Τέλος στην περίπτωση διενέργειας εκσκαφών του υπεδάφους, ο πόδας των ικριωμάτων θα στηριχθεί σε δοκό διατομής ΗΕΑ 160 .

3. Περιγραφή φορέα

Ο φέρων οργανισμός του ικριώματος μορφώνεται από χαλύβδινες διατομές τυποποιημένων ελασμάτων ψυχρής έλασης μορφής κοιλοδοκού. Το στατικό σύστημα αποτελείται από ζεύγη κατακόρυφων στοιχείων διατομής Ø48.3x3mm τα οποία συνδέονται με οριζόντιες δοκούς Ø48.3x3mm. Τα πλαίσια αυτά ενώνονται στην άλλη διεύθυνση με διαγωνίους διατομής και 33.7x2mm. Για την υποστήριξη των δαπέδων και της στέγης μεταξύ των κατακόρυφων στοιχείων και των δαπέδων παρεμβάλλονται ξύλινες δοκοί ορθογωνικής διατομής 150x75mm (ταμπάνια) και κάθετα σ αυτές λατάκια διατομής 75x75mm και σφηνώνονται με τη βοήθεια συνδέσμων Ψ που είναι προσαρμοσμένοι στα κατακόρυφα στοιχεία του ικριώματος

Για τη μεταφορά των οριζοντίων δυνάμεων της τοιχοποιίας στο ικρίωμα χρησιμοποιούνται οριζόντιες και διαγώνιες σωλήνες

που συνδέονται στο ικρίωμα με συνδέσμους μεταβλητής γωνίας. Οι οριζόντιες δοκοί στα άκρα τους έχουν βίδες με Ψ που στηρίζουν (κοντράρουν) κατακόρυφα ξύλινα στοιχεία ορθογωνικής διατομής 150x75mm τα οποία έρχονται σε επαφή με τον τοίχο. Ανάμεσα σε αυτές τις ξύλινες διατομές «ταμπάνια» και τον τοίχο παρεμβάλονται ξύλινα «μαδέρια» διατομής 50x250mm.

4. <u>Χρησιμοποιηθέντα προγράμματα Η/Υ</u>

Η στατική ανάλυση και διαστασιολόγηση πραγματοποιήθηκε με την σειρά προγραμμάτων της εταιρείας DLUBAL. Οι χωρικοί φορείς επιλύθηκαν με τα αντίστοιχα προγράμματα υπολογισμού των εντατικών μεγεθών και διαστασιολόγησης για τους μεταλλικούς φορείς.

5. <u>Μηχανικό προσομοίωμα-Διακριτοποίηση</u>

Ο σκελετός προσομοιώνεται με κόμβους, ράβδους, στερεά σώματα και διαφράγματα, στο χώρο. Η διακριτοποίηση γίνεται με τρισδιάστατα ραβδόμορφα στοιχεία με έξη (6) βαθμούς ελευθερίας, 3 μεταφορικούς και 3 στροφικούς. Λαμβάνονται υπόψη κατά τον υπολογισμό τα έργα των αξονικών και τεμνουσών δυνάμεων. Στα άκρα των δοκών που εδράζονται επί κατακόρυφων στοιχείων, λαμβάνεται στερεό σώμα μήκους, ίσου με το μήκος της έδρασης της δοκού επί του υποστυλώματος. Το χωρικό πλαίσιο, γενικά, στηρίζεται αρθρωτά επί του εδάφους και έτσι μετά την επίλυση παράγονται τα εντατικά μεγέθη.

6. <u>Φορτιστικό προσομοίωμα</u>

Η κατανομή των φορτίων που εδράζονται επί δοκών, γίνεται μέσω των επιφανειακών στοιχείων μεταβιβάζοντας τις αντιδράσεις τους ροπές και τέμνουσες δυνάμεις- πάνω στα γραμμικά στοιχεία.

7. <u>Κανονισμοί - Πρότυπα</u>

1. Ευρωκώδικας 0 «Βάσεις σχεδιασμού δομημάτων» EN1990
2. Ευρωκώδικας 1 «Βάσεις σχεδιασμού και δράσεων στις κατασκευές» EN1991
3. Ευρωκώδικας 3 «Σχεδιασμός μεταλλικών κατασκευών» EN1993
4. Ευρωκώδικας 5 «Σχεδιασμός ξύλινων κατασκευών» EN1995
5. Νέος Κανονισμός Τεχνολογίας Χαλύβων ΦΕΚ 1416/Β/17.07.2008
6. Σκαλωσιές όψεων από προκατασκευασμένα στοιχεία – Μέρος 1: Προδιαγραφές προϊόντων, EN12810-1:2003
7. Εξοπλισμός προσωρινών εργασιών – Μέρος 1: Σκαλωσιές – Απαιτήσεις απόδοσης και γενικός σχεδιασμός, EN12811-1:2003

8. <u>Υπολογιστικό προσομοίωμα - Μέθοδοι Επίλυσης</u>

Για την επίλυση κάθε στατικά αυτόνομου τμήματος μορφώνεται ο αντίστοιχος ραβδόμορφος φορέας σε χωρικό μοντέλο και φορτίζεται από όλα τα φορτία σύμφωνα με τις απαιτήσεις και δημιουργούνται οι αντίστοιχοι συνδυασμοί. Με βάση τα τοπικά μητρώα ακαμψίας των στοιχείων - αφού γίνει ο μετασχηματισμός τους στο καθολικό σύστημα συντεταγμένων - γίνεται η μόρφωση του συνολικού μητρώου ακαμψίας της κατασκευής.

9. <u>Περιβάλλουσες εντάσεων-Διαστασιολόγηση</u>

Πρώτα υπολογίζονται οι περιβάλλουσες των ροπών, τεμνουσών και αξονικών δυνάμεων κάθε δομικού στοιχείου.

10. <u>Παρουσίαση αποτελεσμάτων</u>

Με βάση τα ανωτέρω γίνεται η διαστασιολόγηση των στοιχείων. Στα τεύχη των υπολογισμών δίδονται σκαριφήματα με την αρίθμηση των στοιχείων και των κόμβων του φορέα και κατάλογος με την αναπτυσσόμενη τάση. Επίσης δίνεται αναλυτικά ο φάκελος των δεδομένων της γεωμετρίας καθώς και οι φάκελοι των φορτίσεων. Σχετικά με τα κατακόρυφα στοιχεία, η αρίθμησή τους γίνεται με βάση τον κόμβο κεφαλής.

11. <u>Διαστασιολόγηση – Έλεγχος Διατομών</u>

Τα αποτελέσματα δίνονται τόσο υπό μορφή πίνακα όσο και υπό μορφή διαγράμματος και σαν ποσοστό της αντοχής (πλήρης εκμετάλλευση της διατομής αντιστοιχεί σε μονάδα). Ταυτόχρονα οι έλεγχοι της χαλύβδινης κατασκευής πραγματοποιούνται βάσει του Ευρωκώδικα 3 και των ξύλινων βάσει Ευρωκώδικα 5.

12. <u>Παράμετροι & Φορτία κατασκευής</u>

ΥΛΙΚΑ					
Τύπος Χάλυβα Μεταλλικού ικριώματος:	S235		Τύπος Αγκυρίων στήριξης	-	
Ποιότητα Κοχλιών-Αγκυρίων	-		Ηλεκτρόδια	-	
Ποιότητα Ξύλου	C16				

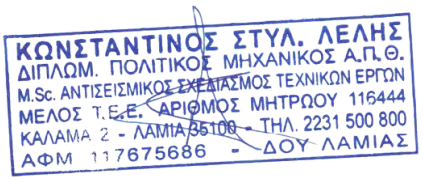
ΜΟΝΙΜΑ ΦΟΡΤΙΑ					
Υφιστάμενα Ξύλινα Δάπεδα:	0,40	kN/m²	Ειδικό βάρος χάλυβα	78,50	kN/m³
Ειδικό βάρος λιθοδομής	20,00	kN/m³	Ειδικό βάρος ξύλου	3,70	kN/m³

ΚΙΝΗΤΑ ΦΟΡΤΙΑ		
Κατακόρυφο κινητό φορτίο εργασίας	1,00	kN/m²
**Λαμβάνεται 10% του κατακόρυφου φορτίου στην οριζόντια διεύθυνση.*		

ΠΑΡΑΜΕΤΡΟΙ ΣΕΙΣΜΟΥ			
Σεισμική Ζώνη Επικινδυνότητας (α):	0.24	Συντελεστής Σπουδαιότητας Κτιρίου (γI):	1.40
Συντελεστής Σεισμικής Συμπεριφοράς:	1.50	Συντελεστής Θεμελίωσης (θ):	1.00
Συντελεστής Κρίσιμης Απόσβεσης (ζ):	0.04	Κατηγορία σεισμικής επικινδυνότητας εδάφους	Γ

Στην περίπτωση της υποστήριξης των δαπέδων η ταλαντούμενη μάζα προκύπτει από το συνδυασμό G+0.30Q.

Ο Μηχανικός



Konstantinos Lelis
Kalama 2, 35133 Lamia

Project: | Model: Oikia Paidwn_phase 2_R10 | Date: 4/10/2023

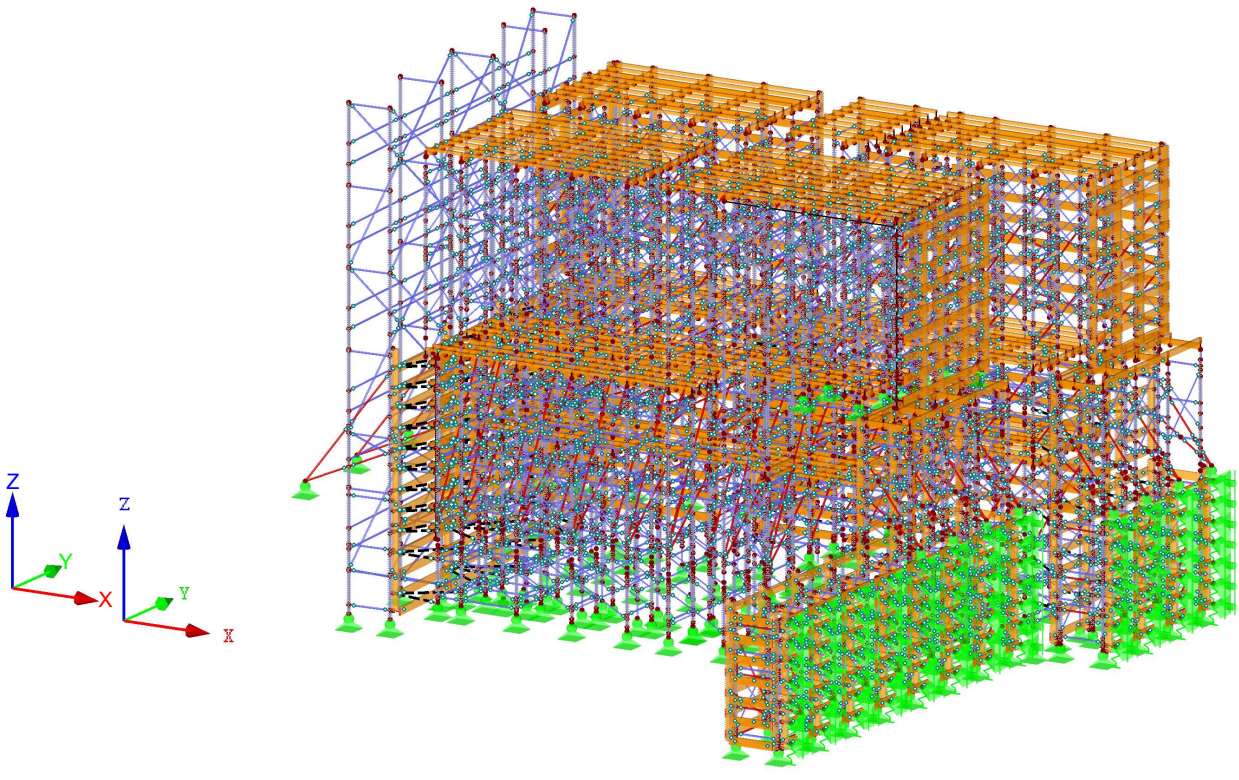
STRUCTURAL ANALYSIS

PROJECT

CLIENT

CREATED BY

Isometric



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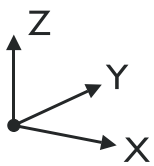
1.3 MATERIALS

Matl. No.	Modulus E [kN/cm²]	Modulus G [kN/cm²]	Poisson's Ratio ν [-]	Spec. Weight γ [kN/m³]	Coeff. of Th. Exp. α [1/°C]	Partial Factor γ_M [-]	Material Model
1	Steel S 235 | EN 10025-2:2004-11						
	21000.00	8076.92	0.300	78.50	1.20E-05	1.00	Isotropic Linear Elastic
2	Poplar and Softwood Timber C16 | EN 338:2016-04						
	800.00	50.00	7.000	3.70	5.00E-06	1.30	Isotropic Linear Elastic
3	Steel S 235 | EN 10025-2:2004-11						
	21000.00	8076.92	0.300	78.50	1.20E-05	1.00	Isotropic Linear Elastic

1.7 NODAL SUPPORTS



Support No.	Nodes No.	Axis System	Column in Z	Support Conditions u_X	u_Y	u_Z	φ_X	φ_Y	φ_Z
1	15,16,417,487,488,505, 506,1530,1531,1616, 1617,1974,1975,3398, 3434,3724,3808,3818, 3825,3830,3836,3841, 3848,3853,3860,3865, 3872,3877,3884,3889, 3933,3942,3947,3952, 3958,3964,3970,3976, 3994,4002,4006,4010, 4014,4018,4046,4051, 4055,4059,4063,4067, 4071,4092,4096,4104, 4108,4124,4130,4140, 4148,4160,4168,4170, 4182,4192,4198,4208, 4214,4224,4230,4240, 4246,4253-4256,4272, 4273,4294,4295,4299,4	Global X,Y,Z	☐	☒	☒	☒	☐	☐	☒

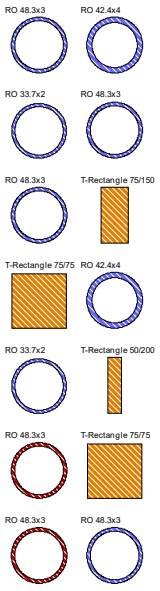
1.7 NODAL SUPPORTS

Support No.	Nodes No.	Axis System	Column in Z	Support Conditions u_X	u_Y	u_Z	φ_X	φ_Y	φ_Z
	4303,4311,4315,4331, 4337,4347,4355,4367, 4375,4377,4389,4399, 4405,4415,4421,4431, 4437,4447,4453,4496, 4497,4506,4507,4594, 4595,4606,4607,4616, 4617,4626,4627,5115, 5350,6466,6854,6855, 6874,6875,6894,6895, 7069,7281,7433,7437, 7463,7467,7493,7497, 7523,7718,7721,7724, 7727,7728,7871, 7880-7883,7916,7972, 7986,8110,8118,8126, 8134,8142								
2	7279,7283,7293,7326, 7338,7350,7363,7364, 7823,7824,7847,7853, 7854,7859,7860,7865, 7866,7892,7893, 7910-7912,7914,7915, 7917-7920,7922-7930, 7934-7936,7938, 7940-7944,7946,7948, 7950-7953,7959,7960, 7962,7964,7966-7969, 7975,7976,7978,7980, 7982-7985,7991,7992, 7994,7996,7998-8001, 8007,8008,8010,8012, 8014-8017	Global X,Y,Z	☐	☒	☒	Spring	☐	☐	☒

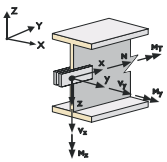
1.7.2 NODAL SUPPORTS - SPRINGS

Support No.	Nodes No.	Translation Spring [kN/m] $C_{u,X'}$	$C_{u,Y'}$	$C_{u,Z'}$	Rotation Spring [kNm/rad] $C_{\varphi,X'}$	$C_{\varphi,Y'}$	$C_{\varphi,Z'}$
2	on next row:	-	-	5000.000	-	-	-
	7279,7283,7293,7326,7338,7350,7363,7364,7823,7824,7847,7853,7854,7859,7860,7865,7866,7892,7893,7910-7912,7914, 7915,7917-7920,7922-7930,7934-7936,7938,7940-7944,7946,7948,7950-7953,7959,7960,7962,7964,7966-7969,7975,7976, 7978,7980,7982-7985,7991,7992,7994,7996,7998-8001,8007,8008,8010,8012,8014-8017						

1.13 CROSS-SECTIONS

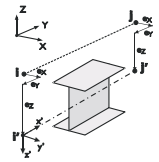


Section No.	Matl. No.	J [cm⁴] / A [cm²]	I_y [cm⁴] / A_y [cm²]	I_z [cm⁴] / A_z [cm²]	Principal Axes α [°]	Rotation α' [°]	Overall Dimensions [mm] Width b	Height h
1	RO 48.3x3 | EN 10219-2:2006							
	1	22.00 / 4.27	11.00 / 2.13	11.00 / 2.13	0.00	0.00	48.3	48.3
2	RO 42.4x4 | EN 10219-2:2006							
	1	18.00 / 4.83	8.99 / 2.42	8.99 / 2.42	0.00	0.00	42.4	42.4
3	RO 33.7x2 | EN 10219-2:2006							
	1	5.02 / 1.99	2.51 / 0.99	2.51 / 0.99	0.00	0.00	33.7	33.7
4	RO 48.3x3 | EN 10219-2:2006							
	1	22.00 / 4.27	11.00 / 2.13	11.00 / 2.13	0.00	0.00	48.3	48.3
5	RO 48.3x3 | EN 10219-2:2006							
	1	22.00 / 4.27	11.00 / 2.13	11.00 / 2.13	0.00	0.00	48.3	48.3
6	T-Rectangle 75/150							
	2	1448.35 / 112.50	2109.38 / 93.75	527.34 / 93.75	0.00	0.00	75.0	150.0
7	T-Rectangle 75/75							
	2	445.08 / 56.25	263.67 / 46.87	263.67 / 46.87	0.00	0.00	75.0	75.0
8	RO 42.4x4 | EN 10219-2:2006							
	1	18.00 / 4.83	8.99 / 2.42	8.99 / 2.42	0.00	0.00	42.4	42.4
9	RO 33.7x2 | EN 10219-2:2006							
	1	5.02 / 1.99	2.51 / 0.99	2.51 / 0.99	0.00	0.00	33.7	33.7
10	T-Rectangle 50/200							
	2	702.13 / 100.00	3333.33 / 83.33	208.33 / 83.33	0.00	0.00	50.0	200.0
11	RO 48.3x3 | EN 10219-2:2006							
	3	22.00 / 4.27	11.00 / 2.13	11.00 / 2.13	0.00	0.00	48.3	48.3
12	T-Rectangle 75/75							
	2	445.08 / 56.25	263.67 / 46.87	263.67 / 46.87	0.00	0.00	75.0	75.0
13	RO 48.3x3 | EN 10219-2:2006							
	3	22.00 / 4.27	11.00 / 2.13	11.00 / 2.13	0.00	0.00	48.3	48.3
16	RO 48.3x3 | EN 10219-2:2006							
	1	22.00 / 4.27	11.00 / 2.13	11.00 / 2.13	0.00	0.00	48.3	48.3



1.14 MEMBER HINGES

Release No.	Reference System	Axial/Shear Release or Spring[kN/m] u_x	u_y	u_z	Moment Release or Spring[kNm/rad] φ_x	φ_y	φ_z	Comment
1	Local x,y,z	☐	☐	☐	☐	☒	☐	
2	Local x,y,z	☐	☐	☐	☐	☒	☐	
3	Local x,y,z	1000.000	1000.000	100.000	☐	☒	☒	

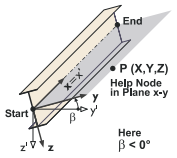


1.15/1 MEMBER ECCENTRICITIES - ABSOLUTE

Ecc. No.	Reference System	Member Start - Eccentricity [mm] $e_{i,X}$	$e_{i,Y}$	$e_{i,Z}$	Member End - Eccentricity $e_{j,X}$	$e_{j,Y}$	$e_{j,Z}$	Member hinge location Member Start	Member End
1	Global	0.0	-48.3	0.0	0.0	-48.3	0.0	at member	at member
2	Global	0.0	0.0	75.0	0.0	0.0	75.0	at member	at member
3	Global	0.0	0.0	37.5	0.0	0.0	37.5	at member	at member
4	Global	0.0	0.0	-37.5	0.0	0.0	-37.5	at member	at member
5	Global	0.0	0.0	225.0	0.0	0.0	225.0	at member	at member
6	Global	0.0	0.0	225.0	0.0	0.0	0.0	at member	at member
7	Global	0.0	0.0	75.0	0.0	0.0	-75.0	at member	at member
8	Global	75.0	0.0	0.0	75.0	0.0	0.0	at member	at member
9	Global	0.0	0.0	225.0	0.0	0.0	225.0	at member	at member
10	Global	0.0	75.0	0.0	0.0	75.0	0.0	at member	at member
11	Global	0.0	187.5	0.0	0.0	187.5	0.0	at member	at member
12	Global	-75.0	0.0	0.0	-75.0	0.0	0.0	at member	at member
13	Global	-175.0	0.0	0.0	-175.0	0.0	0.0	at member	at member
14	Global	75.0	0.0	0.0	75.0	0.0	0.0	at member	at member
15	Global	187.5	0.0	0.0	187.5	0.0	0.0	at member	at member
16	Global	0.0	0.0	187.5	0.0	0.0	187.5	at member	at member
17	Global	0.0	175.0	0.0	0.0	175.0	0.0	at member	at member
18	Global	75.0	0.0	0.0	75.0	0.0	0.0	at member	at member
19	Global	175.0	0.0	0.0	175.0	0.0	0.0	at member	at member
20	Global	0.0	-75.0	0.0	0.0	-75.0	0.0	at member	at member
21	Global	0.0	-175.0	0.0	0.0	-175.0	0.0	at member	at member
22	Global	0.0	75.0	0.0	0.0	75.0	0.0	at member	at member
23	Global	0.0	175.0	0.0	0.0	175.0	0.0	at member	at member
24	Global	-75.0	0.0	0.0	-75.0	0.0	0.0	at member	at member
25	Global	-175.0	0.0	0.0	-175.0	0.0	0.0	at member	at member
26	Global	175.0	0.0	0.0	175.0	0.0	0.0	at member	at member
27	Global	175.0	0.0	0.0	175.0	0.0	0.0	at member	at member
28	Global	74.9	3.5	0.0	74.9	3.5	0.0	at member	at member
29	Global	174.8	8.2	0.0	174.8	8.2	0.0	at member	at member
30	Global	0.0	0.0	225.0	0.0	0.0	64.3	at member	at member
31	Global	0.0	0.0	64.3	0.0	0.0	0.0	at member	at member
32	Global	0.0	0.0	225.0	0.0	0.0	84.4	at member	at member
33	Global	0.0	0.0	84.4	0.0	0.0	0.0	at member	at member
34	Global	0.0	0.0	225.0	0.0	0.0	126.6	at member	at member
35	Global	0.0	0.0	126.6	0.0	0.0	84.4	at member	at member

1.15/2 MEMBER ECCENTRICITIES - RELATIVE

Ecc. No.	Cross-Section Alignment y-Axis	z-Axis	Transverse offset from cross-section of another obj. Object Type	Object No.	y-Axis	z-Axis	Axial offset from adjacent Member Sta	Member End
1	Middle	Middle	None	0	Middle	Middle	☐	☐
2	Middle	Middle	None	0	Middle	Middle	☐	☐
3	Middle	Middle	None	0	Middle	Middle	☐	☐
4	Middle	Middle	None	0	Middle	Middle	☐	☐
5	Middle	Middle	None	0	Middle	Middle	☐	☐
6	Middle	Middle	None	0	Middle	Middle	☐	☐
7	Middle	Middle	None	0	Middle	Middle	☐	☐
8	Middle	Middle	None	0	Middle	Middle	☐	☐
9	Middle	Middle	None	0	Middle	Middle	☐	☐
10	Middle	Middle	None	0	Middle	Middle	☐	☐
11	Middle	Middle	None	0	Middle	Middle	☐	☐
12	Middle	Middle	None	0	Middle	Middle	☐	☐
13	Middle	Middle	None	0	Middle	Middle	☐	☐
14	Middle	Middle	None	0	Middle	Middle	☐	☐
15	Middle	Middle	None	0	Middle	Middle	☐	☐
16	Middle	Middle	None	0	Middle	Middle	☐	☐
17	Middle	Middle	None	0	Middle	Middle	☐	☐
18	Middle	Middle	None	0	Middle	Middle	☐	☐
19	Middle	Middle	None	0	Middle	Middle	☐	☐
20	Middle	Middle	None	0	Middle	Middle	☐	☐
21	Middle	Middle	None	0	Middle	Middle	☐	☐
22	Middle	Middle	None	0	Middle	Middle	☐	☐
23	Middle	Middle	None	0	Middle	Middle	☐	☐
24	Middle	Middle	None	0	Middle	Middle	☐	☐
25	Middle	Middle	None	0	Middle	Middle	☐	☐
26	Middle	Middle	None	0	Middle	Middle	☐	☐
27	Middle	Middle	None	0	Middle	Middle	☐	☐
28	Middle	Middle	None	0	Middle	Middle	☐	☐
29	Middle	Middle	None	0	Middle	Middle	☐	☐
30	Middle	Middle	None	0	Middle	Middle	☐	☐
31	Middle	Middle	None	0	Middle	Middle	☐	☐
32	Middle	Middle	None	0	Middle	Middle	☐	☐
33	Middle	Middle	None	0	Middle	Middle	☐	☐
34	Middle	Middle	None	0	Middle	Middle	☐	☐
35	Middle	Middle	None	0	Middle	Middle	☐	☐



1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
1	1	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2	2	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3	3	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
4	4	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
5	5	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
6	6	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
7	7	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
8	8	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
9	9	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
10	10	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
11	11	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
12	12	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
13	13	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
14	14	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
15	15	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
16	16	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
17	17	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
18	18	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
19	19	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
20	20	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
21	21	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
22	22	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
23	23	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
24	24	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
25	25	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
26	26	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
27	27	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
28	28	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
29	29	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
30	30	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
31	31	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
32	32	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
33	33	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
34	34	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
35	35	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
36	36	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
37	37	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
38	38	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
39	39	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
40	40	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
41	41	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
42	42	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
43	43	Beam	Angle	0.00	1	1	-	-	-	-	0.130	Z
44	44	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
45	45	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
46	46	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
47	47	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
48	48	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
49	49	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
50	50	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
51	51	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
52	52	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
53	53	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
54	54	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
55	55	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
56	56	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
57	57	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
58	58	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
59	59	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
60	60	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
61	61	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
62	62	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
63	63	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
64	64	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
65	65	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
66	66	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
67	67	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
68	68	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
69	70	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
70	69	Beam	Angle	0.00	2	2	-	-	-	-	0.140	Z
71	71	Beam	Angle	0.00	3	3	1	1	-	-	1.844	XZ
72	72	Beam	Angle	0.00	3	3	1	1	-	-	1.844	XZ
73	73	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
74	74	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
75	75	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
76	76	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
77	77	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
78	78	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
79	79	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
80	80	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
81	81	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
82	82	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
83	83	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
84	84	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
85	85	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
86	86	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
87	87	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
88	88	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
89	89	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
90	90	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
91	91	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
92	92	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
93	93	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
94	94	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
95	95	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
96	96	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
97	100	Beam	Angle	0.00	1	1	-	-	-	-	0.205	Z
98	101	Beam	Angle	0.00	1	1	-	-	-	-	0.410	Z
99	102	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
100	97	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
101	98	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
102	99	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
103	108	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
104	107	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
105	104	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
106	103	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
107	105	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
108	106	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
109	113	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
110	114	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
111	109	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
112	110	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
113	112	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
114	111	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
115	119	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
116	120	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
117	115	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
118	116	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
119	117	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
120	118	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
121	126	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
122	125	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
123	122	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
124	121	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
125	123	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
126	124	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
127	127	Beam	Angle	0.00	1	1	-	-	-	-	0.800	Z
128	128	Beam	Angle	0.00	1	1	-	-	-	-	0.750	Z
129	129	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
130	130	Beam	Angle	0.00	1	1	-	-	-	-	0.800	Z
131	131	Beam	Angle	0.00	1	1	-	-	-	-	0.750	Z
132	132	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
133	137	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
134	138	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
135	134	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
136	133	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
137	136	Beam	Angle	0.00	1	1	-	-	-	-	0.052	Z
138	135	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
139	144	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
140	139	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
141	142	Beam	Angle	0.00	1	1	-	-	-	-	0.690	Z
142	140	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
143	143	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
144	141	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
145	145	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
146	146	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
147	147	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
148	148	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
149	149	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
150	150	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
151	151	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
152	152	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
153	153	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
154	154	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
155	155	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
156	156	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
157	157	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
158	158	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
159	159	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
160	160	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
161	161	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
162	162	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
163	163	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
164	164	Beam	Angle	0.00	2	2	-	-	-	-	0.140	Z
165	257	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
166	166	Beam	Angle	0.00	2	2	-	-	-	-	0.140	Z
167	167	Beam	Angle	0.00	2	2	-	-	-	-	0.140	Z
168	168	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
169	169	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
170	170	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
171	171	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
172	172	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
173	173	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
174	174	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
175	175	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
176	176	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
177	177	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
178	178	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
179	179	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
180	180	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
181	181	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
182	182	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
183	183	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
184	184	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
185	185	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
186	186	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
187	187	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
188	188	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
189	189	Beam	Angle	0.00	3	3	1	-	-	-	1.832	XZ

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
190	190	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
191	191	Beam	Angle	0.00	3	3	1	-	-	-	1.832	XZ
192	192	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
193	193	Beam	Angle	0.00	3	3	1	-	-	-	0.513	XZ
194	194	Beam	Angle	0.00	3	3	1	-	-	-	1.832	XZ
195	195	Beam	Angle	0.00	3	3	1	-	-	-	1.832	XZ
196	196	Beam	Angle	0.00	3	3	1	-	-	-	1.832	XZ
197	936	Beam	Angle	0.00	1	1	-	-	-	-	0.390	Z
198	937	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
199	934	Beam	Angle	0.00	1	1	-	-	-	-	0.390	Z
200	935	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
201	204	Beam	Angle	0.00	1	1	-	-	-	-	0.610	Z
202	205	Beam	Angle	0.00	1	1	-	-	-	-	0.510	Z
203	206	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
204	201	Beam	Angle	0.00	1	1	-	-	-	-	0.600	Z
205	202	Beam	Angle	0.00	1	1	-	-	-	-	0.500	Z
206	203	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
207	212	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
208	213	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
209	214	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
210	215	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
211	216	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
212	207	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
213	208	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
214	209	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
215	210	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
216	211	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
217	217	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
218	218	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
219	219	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
220	220	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
221	221	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
222	222	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
223	223	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
224	224	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
225	225	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
226	226	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
227	227	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
228	228	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
229	229	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
230	230	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
231	231	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
232	232	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
233	233	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
234	234	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
235	235	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
236	236	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
237	237	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
238	238	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
239	239	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
240	240	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
241	241	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
242	242	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
243	243	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
244	244	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
245	245	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
246	246	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
247	250	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
248	251	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
249	252	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
250	247	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
251	248	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
252	249	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
253	253	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
254	254	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
255	255	Beam	Angle	0.00	1	1	-	-	-	-	0.212	Z
256	261	Beam	Angle	0.00	1	1	-	-	-	-	0.080	Z
257	165	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
258	258	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
259	259	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
260	260	Beam	Angle	0.00	1	1	-	-	-	-	0.212	Z
261	256	Beam	Angle	0.00	1	1	-	-	-	-	0.080	Z
262	1573	Beam	Angle	0.00	3	3	-	1	-	-	0.220	XZ
263	263	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
264	264	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
265	265	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
266	266	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
267	267	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
268	268	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
269	269	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
270	270	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
271	271	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
272	272	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
273	273	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
274	274	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
275	275	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
276	276	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
277	277	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
278	278	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
279	279	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
280	280	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
281	281	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
282	282	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
283	283	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
284	284	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
285	285	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
286	286	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
287	287	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
288	288	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
289	289	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
290	290	Beam	Angle	0.00	1	1	-	-	-	-	0.555	Z
291	291	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
292	292	Beam	Angle	0.00	1	1	-	-	-	-	0.555	Z
293	293	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
294	294	Beam	Angle	0.00	1	1	-	-	-	-	0.555	Z
295	295	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
296	296	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
297	297	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
298	298	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
299	299	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
300	300	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
301	301	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
302	302	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
303	303	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
304	304	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
305	305	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
306	306	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
307	307	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
308	308	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
309	309	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
310	310	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
311	311	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
312	312	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
313	313	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
314	314	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
315	315	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
316	316	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
317	317	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
318	318	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
319	319	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
320	320	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
321	321	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
322	322	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
323	323	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
324	324	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
325	325	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
326	326	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
327	327	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
328	328	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
329	334	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
330	333	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
331	330	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
332	329	Beam	Angle	0.00	1	1	-	-	-	-	0.520	Z
333	331	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
334	332	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
335	339	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
336	340	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
337	335	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
338	336	Beam	Angle	0.00	1	1	-	-	-	-	0.520	Z
339	338	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
340	337	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
341	345	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
342	346	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
343	341	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
344	342	Beam	Angle	0.00	1	1	-	-	-	-	0.520	Z
345	343	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
346	344	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
347	352	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
348	351	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
349	348	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
350	347	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
351	349	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
352	350	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
353	354	Beam	Angle	0.00	2	2	-	-	-	-	0.040	Z
354	357	Beam	Angle	0.00	1	1	-	-	-	-	0.410	Z
355	355	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
356	363	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
357	360	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
358	358	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
359	509	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
360	512	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
361	361	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
362	2794	Beam	Angle	0.00	1	1	-	-	-	-	0.550	Z
363	2802	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
364	364	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
365	365	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
366	366	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
367	367	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
368	368	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
369	369	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
370	370	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
371	371	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
372	372	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
373	373	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
374	374	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
375	375	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
376	376	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
377	377	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
378	378	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
379	379	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
380	380	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
381	381	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
382	382	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
383	383	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
384	384	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
385	390	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
386	391	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
387	392	Beam	Angle	0.00	1	1	-	-	-	-	0.500	Z
388	393	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
389	394	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
390	385	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
391	386	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
392	387	Beam	Angle	0.00	1	1	-	-	-	-	0.051	Z
393	388	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
394	389	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
395	395	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
396	396	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
397	397	Beam	Angle	0.00	1	1	-	-	-	-	0.500	Z
398	398	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
399	399	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
400	400	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
401	401	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
402	402	Beam	Angle	0.00	1	1	-	-	-	-	0.051	Z
403	403	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
404	404	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
405	405	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
406	406	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
407	407	Beam	Angle	0.00	1	1	-	-	-	-	0.500	Z
408	408	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
409	409	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
410	410	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
411	411	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
412	412	Beam	Angle	0.00	1	1	-	-	-	-	0.051	Z
413	413	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
414	414	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
415	415	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
416	416	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
417	417	Beam	Angle	0.00	1	1	-	-	-	-	0.500	Z
418	418	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
419	419	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
420	420	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
421	421	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
422	422	Beam	Angle	0.00	1	1	-	-	-	-	0.051	Z
423	423	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
424	424	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
425	425	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
426	426	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
427	427	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
428	428	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
429	429	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
430	430	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
431	431	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
432	432	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
433	433	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
434	434	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
435	435	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
436	436	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
437	437	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
438	438	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
439	439	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
440	440	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
441	441	Beam	Angle	0.00	1	1	-	-	-	-	0.555	Z
442	442	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
443	443	Beam	Angle	0.00	1	1	-	-	-	-	0.555	Z
444	444	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
445	445	Beam	Angle	0.00	1	1	-	-	-	-	0.555	Z
446	446	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
447	447	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
448	448	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
449	449	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
450	450	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
451	451	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
452	452	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
453	453	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
454	454	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
455	455	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
456	456	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
457	457	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
458	458	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
459	459	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
460	460	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
461	461	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
462	462	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
463	463	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
464	464	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
465	465	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
466	466	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
467	467	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
468	468	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
469	469	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
470	470	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
471	471	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
472	472	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
473	473	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
474	474	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
475	475	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
476	476	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
477	477	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
478	478	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
479	479	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
480	480	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
481	486	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
482	485	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
483	482	Beam	Angle	0.00	1	1	-	-	-	-	0.520	Z
484	481	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
485	483	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
486	484	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
487	491	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
488	492	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
489	487	Beam	Angle	0.00	1	1	-	-	-	-	0.520	Z
490	488	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
491	490	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
492	489	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
493	497	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
494	498	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
495	493	Beam	Angle	0.00	1	1	-	-	-	-	0.520	Z
496	494	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
497	495	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
498	496	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
499	504	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
500	503	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
501	500	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
502	499	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
503	501	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
504	502	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
505	2842	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
506	2850	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
507	507	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
508	3016	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
509	3024	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
510	510	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
511	3418	Beam	Angle	90.00	6	6	-	-	20	-	0.500	Z
512	3426	Beam	Angle	90.00	6	6	-	-	20	-	0.067	Z
513	513	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
514	3640	Beam	Angle	90.00	6	6	-	-	20	-	0.500	Z
515	3648	Beam	Angle	90.00	6	6	-	-	20	-	0.500	Z
516	516	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
517	517	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
518	518	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
519	519	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
520	520	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
521	521	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
522	522	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
523	523	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
524	524	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
525	525	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
526	526	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
527	527	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
528	528	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
529	529	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
530	530	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
531	531	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
532	532	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
533	533	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
534	534	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
535	535	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
536	536	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
537	542	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
538	543	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
539	544	Beam	Angle	0.00	1	1	-	-	-	-	0.051	Z
540	545	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
541	546	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
542	537	Beam	Angle	0.00	1	1	-	-	-	-	0.175	Z
543	538	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
544	539	Beam	Angle	0.00	1	1	-	-	-	-	0.500	Z
545	540	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
546	541	Beam	Angle	0.00	1	1	-	-	-	-	0.085	Z
547	547	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
548	548	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
549	549	Beam	Angle	0.00	1	1	-	-	-	-	0.051	Z
550	550	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
551	551	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
552	552	Beam	Angle	0.00	1	1	-	-	-	-	0.175	Z
553	553	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
554	554	Beam	Angle	0.00	1	1	-	-	-	-	0.500	Z
555	555	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
556	556	Beam	Angle	0.00	1	1	-	-	-	-	0.085	Z
557	557	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
558	558	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
559	559	Beam	Angle	0.00	1	1	-	-	-	-	0.051	Z
560	560	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
561	561	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
562	562	Beam	Angle	0.00	1	1	-	-	-	-	0.175	Z
563	563	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
564	564	Beam	Angle	0.00	1	1	-	-	-	-	0.500	Z
565	565	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
566	566	Beam	Angle	0.00	1	1	-	-	-	-	0.085	Z
567	567	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
568	568	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
569	569	Beam	Angle	0.00	1	1	-	-	-	-	0.051	Z
570	570	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
571	571	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
572	572	Beam	Angle	0.00	1	1	-	-	-	-	0.175	Z
573	573	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
574	574	Beam	Angle	0.00	1	1	-	-	-	-	0.500	Z
575	575	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
576	576	Beam	Angle	0.00	1	1	-	-	-	-	0.085	Z
577	577	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
578	578	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
579	579	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
580	580	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
581	581	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
582	582	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
583	583	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
584	587	Beam	Angle	0.00	1	1	-	-	-	-	0.800	Z
585	588	Beam	Angle	0.00	1	1	-	-	-	-	0.800	Z
586	589	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
587	584	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
588	585	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
589	586	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
590	3680	Beam	Angle	90.00	6	6	-	-	20	-	0.150	Z
591	3384	Beam	Angle	90.00	6	6	-	-	20	-	0.350	Z
592	592	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
593	593	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
594	594	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
595	598	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
596	599	Beam	Angle	0.00	1	1	-	-	-	-	0.900	Z
597	600	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
598	595	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
599	596	Beam	Angle	0.00	1	1	-	-	-	-	0.051	Z
600	597	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
601	601	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
602	602	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
603	603	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
604	604	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
605	605	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
606	606	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
607	607	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
608	611	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
609	612	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
610	613	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
611	608	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
612	609	Beam	Angle	0.00	1	1	-	-	-	-	0.800	Z
613	610	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
614	3566	Beam	Angle	90.00	6	6	-	-	20	-	0.060	Z
615	3602	Beam	Angle	90.00	6	6	-	-	20	-	0.500	Z
616	616	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
617	617	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
618	618	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
619	622	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
620	623	Beam	Angle	0.00	1	1	-	-	-	-	0.051	Z
621	624	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
622	619	Beam	Angle	0.00	1	1	-	-	-	-	0.175	Z
623	620	Beam	Angle	0.00	1	1	-	-	-	-	0.500	Z
624	621	Beam	Angle	0.00	1	1	-	-	-	-	0.085	Z
625	625	Beam	Angle	0.00	2	2	-	-	-	-	0.150	Z
626	626	Beam	Angle	0.00	2	2	-	-	-	-	0.150	Z
627	627	Beam	Angle	0.00	2	2	-	-	-	-	0.150	Z
628	628	Beam	Angle	0.00	2	2	-	-	-	-	0.150	Z
629	629	Beam	Angle	0.00	2	2	-	-	-	-	0.150	Z
630	630	Beam	Angle	0.00	2	2	-	-	-	-	0.150	Z
631	631	Beam	Angle	0.00	2	2	-	-	-	-	0.150	Z
632	632	Beam	Angle	0.00	2	2	-	-	-	-	0.150	Z
633	633	Beam	Angle	0.00	2	2	-	-	-	-	0.150	Z
634	634	Beam	Angle	0.00	2	2	-	-	-	-	0.150	Z
635	635	Beam	Angle	0.00	2	2	-	-	-	-	0.150	Z
636	636	Beam	Angle	0.00	2	2	-	-	-	-	0.150	Z
637	637	Beam	Angle	0.00	2	2	-	-	-	-	0.150	Z
638	638	Beam	Angle	0.00	2	2	-	-	-	-	0.150	Z
639	639	Beam	Angle	0.00	2	2	-	-	-	-	0.150	Z
640	640	Beam	Angle	0.00	2	2	-	-	-	-	0.150	Z
641	641	Beam	Angle	0.00	2	2	-	-	-	-	0.150	Z
642	642	Beam	Angle	0.00	2	2	-	-	-	-	0.150	Z
643	643	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
644	644	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
645	645	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
646	646	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
647	647	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
648	648	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
649	649	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
650	650	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
651	651	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
652	652	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
653	653	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
654	654	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
655	655	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
656	656	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
657	657	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
658	658	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
659	659	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
660	660	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
661	661	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
662	662	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
663	663	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
664	664	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
665	665	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
666	666	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
667	667	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
668	668	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
669	669	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
670	670	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
671	671	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
672	672	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
673	673	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
674	674	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
675	675	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
676	676	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
677	681	Beam	Angle	0.00	1	1	-	-	-	-	0.040	Z
678	680	Beam	Angle	0.00	1	1	-	-	-	-	0.040	Z
679	677	Beam	Angle	0.00	1	1	-	-	-	-	0.040	Z
680	682	Beam	Angle	0.00	1	1	-	-	-	-	0.040	Z
681	684	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
682	683	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
683	685	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
684	678	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
685	679	Beam	Angle	0.00	1	1	-	-	-	-	0.040	Z
686	688	Beam	Angle	0.00	1	1	-	-	-	-	0.040	Z
687	687	Beam	Angle	0.00	1	1	-	-	-	-	0.040	Z
688	686	Beam	Angle	0.00	1	1	-	-	-	-	0.040	Z
689	693	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
690	692	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
691	689	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
692	694	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
693	696	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
694	695	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
695	697	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
696	690	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
697	691	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
698	700	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
699	699	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
700	698	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
701	701	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
702	702	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
703	703	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
704	704	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
705	705	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
706	706	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
707	707	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
708	708	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
709	709	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
710	710	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
711	711	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
712	712	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
713	713	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
714	714	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
715	715	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
716	716	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
717	717	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
718	718	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
719	719	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
720	720	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
721	721	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
722	722	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
723	723	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
724	724	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
725	725	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
726	726	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
727	727	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
728	732	Beam	Angle	0.00	1	1	-	-	-	-	0.060	Z
729	733	Beam	Angle	0.00	1	1	-	-	-	-	0.500	Z
730	734	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
731	735	Beam	Angle	0.00	1	1	-	-	-	-	0.060	Z
732	736	Beam	Angle	0.00	1	1	-	-	-	-	0.500	Z
733	737	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
734	739	Beam	Angle	0.00	1	1	-	-	-	-	0.060	Z
735	738	Beam	Angle	0.00	1	1	-	-	-	-	0.060	Z
736	729	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
737	730	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
738	728	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
739	731	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
740	744	Beam	Angle	0.00	1	1	-	-	-	-	0.060	Z
741	745	Beam	Angle	0.00	1	1	-	-	-	-	0.060	Z
742	742	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
743	741	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
744	740	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
745	743	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
746	751	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
747	750	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
748	747	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
749	746	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
750	749	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
751	748	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
752	757	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
753	756	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
754	753	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
755	754	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
756	755	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
757	752	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
758	762	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
759	763	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
760	759	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
761	760	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
762	758	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
763	761	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
764	772	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
765	771	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
766	773	Beam	Angle	0.00	1	1	-	-	-	-	0.620	Z
767	769	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
768	770	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
769	768	Beam	Angle	0.00	1	1	-	-	-	-	0.620	Z
770	774	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
771	775	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
772	776	Beam	Angle	0.00	1	1	-	-	-	-	0.090	Z
773	777	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
774	778	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
775	779	Beam	Angle	0.00	1	1	-	-	-	-	0.090	Z
776	780	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
777	781	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
778	765	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
779	764	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
780	766	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
781	767	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
782	782	Beam	Angle	0.00	2	2	-	-	-	-	0.280	Z
783	783	Beam	Angle	0.00	2	2	-	-	-	-	0.280	Z
784	784	Beam	Angle	0.00	2	2	-	-	-	-	0.320	Z
785	785	Beam	Angle	0.00	2	2	-	-	-	-	0.320	Z
786	786	Beam	Angle	0.00	2	2	-	-	-	-	0.320	Z
787	787	Beam	Angle	0.00	2	2	-	-	-	-	0.320	Z
788	788	Beam	Angle	0.00	2	2	-	-	-	-	0.320	Z
789	789	Beam	Angle	0.00	2	2	-	-	-	-	0.320	Z
790	790	Beam	Angle	0.00	2	2	-	-	-	-	0.320	Z
791	791	Beam	Angle	0.00	2	2	-	-	-	-	0.320	Z
792	792	Beam	Angle	0.00	2	2	-	-	-	-	0.320	Z
793	793	Beam	Angle	0.00	2	2	-	-	-	-	0.320	Z
794	794	Beam	Angle	0.00	2	2	-	-	-	-	0.320	Z
795	795	Beam	Angle	0.00	2	2	-	-	-	-	0.320	Z
796	796	Beam	Angle	0.00	2	2	-	-	-	-	0.320	Z
797	797	Beam	Angle	0.00	2	2	-	-	-	-	0.320	Z
798	798	Beam	Angle	0.00	2	2	-	-	-	-	0.320	Z
799	799	Beam	Angle	0.00	2	2	-	-	-	-	0.320	Z
800	800	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
801	801	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
802	802	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
803	803	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
804	804	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
805	805	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
806	806	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
807	807	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
808	808	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
809	809	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
810	810	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
811	811	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
812	812	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
813	813	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
814	814	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
815	815	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
816	816	Beam	Angle	0.00	1	1	-	-	-	-	0.120	Z
817	817	Beam	Angle	0.00	1	1	-	-	-	-	0.120	Z
818	818	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
819	819	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
820	820	Beam	Angle	0.00	3	3	1	1	-	-	1.705	XZ
821	821	Beam	Angle	0.00	3	3	1	1	-	-	1.705	XZ
822	822	Beam	Angle	0.00	3	3	1	1	-	-	1.705	XZ
823	823	Beam	Angle	0.00	3	3	1	1	-	-	1.705	XZ
824	824	Beam	Angle	0.00	3	3	1	1	-	-	1.705	XZ
825	825	Beam	Angle	0.00	3	3	1	1	-	-	1.705	XZ
826	826	Beam	Angle	0.00	3	3	1	1	-	-	1.705	XZ
827	827	Beam	Angle	0.00	3	3	1	1	-	-	1.705	XZ
828	828	Beam	Angle	0.00	3	3	1	1	-	-	1.705	XZ
829	829	Beam	Angle	0.00	3	3	1	1	-	-	1.705	XZ
830	830	Beam	Angle	0.00	3	3	1	1	-	-	1.705	XZ
831	831	Beam	Angle	0.00	3	3	1	1	-	-	1.705	XZ
832	832	Beam	Angle	0.00	3	3	1	1	-	-	1.705	XZ
833	833	Beam	Angle	0.00	3	3	1	1	-	-	1.705	XZ
834	834	Beam	Angle	0.00	3	3	1	1	-	-	1.705	XZ
835	835	Beam	Angle	0.00	3	3	1	1	-	-	1.705	XZ
836	836	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
837	837	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
838	838	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
839	839	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
840	840	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
841	841	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
842	842	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
843	843	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
844	844	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
845	845	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
846	846	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
847	847	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
848	848	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
849	849	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
850	850	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
851	851	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
852	852	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
853	853	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
854	854	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
855	855	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
856	856	Beam	Angle	0.00	4	4	1	1	-	-	0.629	X
857	857	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
858	858	Beam	Angle	0.00	4	4	1	1	-	-	0.629	X
859	859	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
860	860	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
861	861	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
862	862	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
863	863	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
864	865	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
865	864	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
866	866	Beam	Angle	0.00	4	4	1	1	-	-	0.629	X
867	867	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
868	868	Beam	Angle	0.00	4	4	1	1	-	-	0.629	X
869	869	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
870	873	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
871	870	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
872	871	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
873	872	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
874	875	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
875	874	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
876	876	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
877	877	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
878	878	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
879	879	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
880	880	Beam	Angle	0.00	4	4	1	1	-	-	1.125	X
881	881	Beam	Angle	0.00	4	4	1	1	-	-	1.125	X
882	882	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
883	883	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
884	884	Beam	Angle	0.00	4	4	1	1	-	-	1.200	X
885	886	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
886	885	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
887	889	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
888	890	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
889	891	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
890	887	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
891	888	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
892	892	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
893	893	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
894	894	Beam	Angle	0.00	4	4	1	1	-	-	0.629	X
895	895	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
896	896	Beam	Angle	0.00	4	4	1	1	-	-	0.629	X
897	897	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
898	898	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
899	899	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
900	900	Beam	Angle	0.00	4	4	1	1	-	-	0.375	X
901	901	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
902	902	Beam	Angle	0.00	4	4	1	1	-	-	1.125	X
903	903	Beam	Angle	0.00	4	4	1	1	-	-	1.125	X
904	904	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
905	905	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
906	906	Beam	Angle	0.00	4	4	1	1	-	-	0.629	X
907	907	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
908	908	Beam	Angle	0.00	4	4	1	1	-	-	0.629	X
909	909	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
910	910	Beam	Angle	0.00	4	4	1	1	-	-	1.339	X
911	911	Beam	Angle	0.00	4	4	1	1	-	-	1.339	X
912	912	Beam	Angle	0.00	4	4	1	1	-	-	0.161	X
913	913	Beam	Angle	0.00	4	4	1	1	-	-	0.161	X
914	914	Beam	Angle	0.00	4	4	1	1	-	-	1.125	X
915	915	Beam	Angle	0.00	4	4	1	1	-	-	1.125	X
916	916	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
917	917	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
918	918	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
919	919	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
920	920	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
921	921	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
922	922	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
923	923	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
924	924	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
925	925	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
926	926	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
927	927	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
928	928	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
929	929	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
930	930	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
931	931	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
932	932	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
933	933	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
934	197	Beam	Angle	0.00	1	1	-	-	-	-	0.120	Z
935	198	Beam	Angle	0.00	1	1	-	-	-	-	0.690	Z
936	199	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
937	200	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
938	938	Beam	Angle	0.00	1	1	-	-	-	-	0.690	Z
939	939	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
940	940	Beam	Angle	0.00	1	1	-	-	-	-	0.120	Z
941	941	Beam	Angle	0.00	1	1	-	-	-	-	0.690	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
942	942	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
943	943	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
944	944	Beam	Angle	0.00	1	1	-	-	-	-	0.690	Z
945	945	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
946	950	Beam	Angle	0.00	1	1	-	-	-	-	0.120	Z
947	951	Beam	Angle	0.00	1	1	-	-	-	-	0.690	Z
948	952	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
949	953	Beam	Angle	0.00	1	1	-	-	-	-	0.130	Z
950	946	Beam	Angle	0.00	1	1	-	-	-	-	0.120	Z
951	947	Beam	Angle	0.00	1	1	-	-	-	-	0.690	Z
952	948	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
953	949	Beam	Angle	0.00	1	1	-	-	-	-	0.130	Z
954	954	Beam	Angle	0.00	1	1	-	-	-	-	0.120	Z
955	955	Beam	Angle	0.00	1	1	-	-	-	-	0.690	Z
956	956	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
957	957	Beam	Angle	0.00	1	1	-	-	-	-	0.130	Z
958	958	Beam	Angle	0.00	1	1	-	-	-	-	0.120	Z
959	959	Beam	Angle	0.00	1	1	-	-	-	-	0.690	Z
960	960	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
961	961	Beam	Angle	0.00	1	1	-	-	-	-	0.130	Z
962	962	Beam	Angle	0.00	1	1	-	-	-	-	0.120	Z
963	963	Beam	Angle	0.00	1	1	-	-	-	-	0.690	Z
964	964	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
965	965	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
966	966	Beam	Angle	0.00	1	1	-	-	-	-	0.120	Z
967	967	Beam	Angle	0.00	1	1	-	-	-	-	0.690	Z
968	968	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
969	969	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
970	972	Beam	Angle	0.00	1	1	-	-	-	-	0.120	Z
971	973	Beam	Angle	0.00	1	1	-	-	-	-	0.690	Z
972	974	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
973	975	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
974	976	Beam	Angle	0.00	1	1	-	-	-	-	0.120	Z
975	977	Beam	Angle	0.00	1	1	-	-	-	-	0.690	Z
976	978	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
977	979	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
978	970	Beam	Angle	0.00	1	1	-	-	-	-	0.800	Z
979	971	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
980	980	Beam	Angle	0.00	1	1	-	-	-	-	0.800	Z
981	981	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
982	984	Beam	Angle	0.00	1	1	-	-	-	-	0.800	Z
983	985	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
984	982	Beam	Angle	0.00	1	1	-	-	-	-	0.800	Z
985	983	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
986	986	Beam	Angle	0.00	4	4	1	1	-	-	0.629	X
987	987	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
988	988	Beam	Angle	0.00	4	4	1	1	-	-	0.629	X
989	989	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
990	990	Beam	Angle	0.00	4	4	1	1	-	-	0.629	X
991	991	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
992	992	Beam	Angle	0.00	4	4	1	1	-	-	0.629	X
993	993	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
994	997	Beam	Angle	0.00	1	1	-	-	-	-	0.060	Z
995	994	Beam	Angle	0.00	1	1	-	-	-	-	0.060	Z
996	995	Beam	Angle	0.00	1	1	-	-	-	-	0.060	Z
997	996	Beam	Angle	0.00	1	1	-	-	-	-	0.060	Z
998	998	Beam	Angle	0.00	1	1	-	-	-	-	0.060	Z
999	999	Beam	Angle	0.00	1	1	-	-	-	-	0.060	Z
1000	1000	Beam	Angle	0.00	1	1	-	-	-	-	0.440	Z
1001	1001	Beam	Angle	0.00	1	1	-	-	-	-	0.440	Z
1002	1003	Beam	Angle	0.00	1	1	-	-	-	-	0.040	Z
1003	1002	Beam	Angle	0.00	1	1	-	-	-	-	0.040	Z
1004	1004	Beam	Angle	0.00	1	1	-	-	-	-	0.040	Z
1005	1005	Beam	Angle	0.00	1	1	-	-	-	-	0.040	Z
1006	1006	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
1007	1007	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
1008	1008	Beam	Angle	0.00	4	4	1	1	-	-	1.200	X
1009	1009	Beam	Angle	0.00	4	4	1	1	-	-	1.200	X
1010	1014	Beam	Angle	0.00	1	1	-	-	-	-	0.060	Z
1011	1011	Beam	Angle	0.00	1	1	-	-	-	-	0.060	Z
1012	1013	Beam	Angle	0.00	1	1	-	-	-	-	0.060	Z
1013	1012	Beam	Angle	0.00	1	1	-	-	-	-	0.060	Z
1014	1010	Beam	Angle	0.00	1	1	-	-	-	-	0.210	Z
1015	1015	Beam	Angle	0.00	1	1	-	-	-	-	0.210	Z
1016	1016	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
1017	1017	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
1018	1019	Beam	Angle	0.00	1	1	-	-	-	-	0.210	Z
1019	1018	Beam	Angle	0.00	1	1	-	-	-	-	0.210	Z
1020	1020	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
1021	1021	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
1022	1022	Beam	Angle	0.00	4	4	1	1	-	-	1.200	X
1023	1023	Beam	Angle	0.00	4	4	1	1	-	-	1.200	X
1024	1024	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
1025	1025	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
1026	1026	Beam	Angle	0.00	1	1	-	-	-	-	0.590	Z
1027	1027	Beam	Angle	0.00	1	1	-	-	-	-	0.590	Z
1028	1029	Beam	Angle	0.00	1	1	-	-	-	-	0.590	Z
1029	1028	Beam	Angle	0.00	1	1	-	-	-	-	0.590	Z
1030	1030	Beam	Angle	0.00	1	1	-	-	-	-	0.630	Z
1031	1033	Beam	Angle	0.00	1	1	-	-	-	-	0.630	Z
1032	1032	Beam	Angle	0.00	1	1	-	-	-	-	0.630	Z
1033	1031	Beam	Angle	0.00	1	1	-	-	-	-	0.630	Z
1034	1034	Beam	Angle	0.00	4	4	1	1	-	-	0.629	X
1035	1035	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
1036	1036	Beam	Angle	0.00	4	4	1	1	-	-	0.629	X
1037	1037	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
1038	1038	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
1039	1039	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
1040	1040	Beam	Angle	0.00	4	4	1	1	-	-	1.200	X
1041	1041	Beam	Angle	0.00	4	4	1	1	-	-	1.200	X
1042	1042	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
1043	1043	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
1044	1044	Beam	Angle	0.00	4	4	1	1	-	-	0.629	X
1045	1045	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
1046	1046	Beam	Angle	0.00	4	4	1	1	-	-	0.629	X
1047	1047	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
1048	1048	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
1049	1049	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
1050	1050	Beam	Angle	0.00	4	4	1	1	-	-	1.200	X
1051	1051	Beam	Angle	0.00	4	4	1	1	-	-	1.200	X
1052	1052	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
1053	1053	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
1054	1055	Beam	Angle	0.00	1	1	-	-	-	-	0.080	Z
1055	1054	Beam	Angle	0.00	1	1	-	-	-	-	0.080	Z
1056	1056	Beam	Angle	0.00	1	1	-	-	-	-	0.260	Z
1057	1057	Beam	Angle	0.00	1	1	-	-	-	-	0.260	Z
1058	1060	Beam	Angle	0.00	1	1	-	-	-	-	0.140	Z
1059	1061	Beam	Angle	0.00	1	1	-	-	-	-	0.140	Z
1060	1058	Beam	Angle	0.00	1	1	-	-	-	-	0.080	Z
1061	1059	Beam	Angle	0.00	1	1	-	-	-	-	0.080	Z
1062	1065	Beam	Angle	0.00	1	1	-	-	-	-	0.140	Z
1063	1064	Beam	Angle	0.00	1	1	-	-	-	-	0.140	Z
1064	1062	Beam	Angle	0.00	1	1	-	-	-	-	0.080	Z
1065	1063	Beam	Angle	0.00	1	1	-	-	-	-	0.080	Z
1066	1068	Beam	Angle	0.00	1	1	-	-	-	-	0.140	Z
1067	1069	Beam	Angle	0.00	1	1	-	-	-	-	0.140	Z
1068	1066	Beam	Angle	0.00	1	1	-	-	-	-	0.080	Z
1069	1067	Beam	Angle	0.00	1	1	-	-	-	-	0.080	Z
1070	1079	Beam	Angle	0.00	1	1	-	-	-	-	0.140	Z
1071	1080	Beam	Angle	0.00	1	1	-	-	-	-	0.140	Z
1072	1081	Beam	Angle	0.00	1	1	-	-	-	-	0.260	Z
1073	1078	Beam	Angle	0.00	1	1	-	-	-	-	0.260	Z
1074	1076	Beam	Angle	0.00	1	1	-	-	-	-	0.260	Z
1075	1077	Beam	Angle	0.00	1	1	-	-	-	-	0.260	Z
1076	1071	Beam	Angle	0.00	1	1	-	-	-	-	0.080	Z
1077	1073	Beam	Angle	0.00	1	1	-	-	-	-	0.080	Z
1078	1072	Beam	Angle	0.00	1	1	-	-	-	-	0.080	Z
1079	1070	Beam	Angle	0.00	1	1	-	-	-	-	0.080	Z
1080	1075	Beam	Angle	0.00	1	1	-	-	-	-	0.080	Z
1081	1074	Beam	Angle	0.00	1	1	-	-	-	-	0.080	Z
1082	1082	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1083	1083	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
1084	1084	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1085	1085	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1086	1086	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1087	1087	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
1088	1088	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1089	1089	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1090	1090	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
1091	1091	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
1092	1092	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
1093	1093	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
1094	1094	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1095	1095	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1096	1096	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1097	1097	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1098	1098	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
1099	1099	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
1100	1100	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
1101	1101	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
1102	1102	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1103	1103	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1104	1104	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1105	1105	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1106	1106	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1107	1107	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1108	1112	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1109	1113	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1110	1108	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
1111	1109	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
1112	1110	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1113	1111	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1114	1119	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1115	1118	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1116	1115	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
1117	1114	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
1118	1116	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1119	1117	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1120	1120	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1121	1121	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
1122	1122	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1123	1123	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1124	1124	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
1125	1125	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
1126	1126	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1127	1127	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1128	1128	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1129	1129	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
1130	1130	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1131	1136	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1132	1135	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1133	1132	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
1134	1131	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
1135	1133	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1136	1134	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1137	1137	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1138	1138	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
1139	1139	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1140	1140	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1141	1141	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
1142	1142	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
1143	1143	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1144	1144	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1145	1145	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1146	1146	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1147	1147	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1148	1153	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1149	1152	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1150	1149	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
1151	1148	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
1152	1150	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1153	1151	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1154	1154	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1155	1155	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
1156	1156	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1157	1157	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1158	1158	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
1159	1159	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
1160	1160	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1161	1161	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1162	1162	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1163	1163	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1164	1164	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1165	1170	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1166	1169	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1167	1166	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
1168	1165	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
1169	1167	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1170	1168	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1171	1195	Beam	Angle	0.00	6	6	-	-	12	-	0.433	Z
1172	1210	Beam	Angle	0.00	6	6	-	-	12	-	0.433	Z
1173	1187	Beam	Angle	0.00	6	6	-	-	12	-	0.500	Z
1174	1192	Beam	Angle	0.00	6	6	-	-	12	-	0.367	Z
1175	1193	Beam	Angle	0.00	6	6	-	-	12	-	0.500	Z
1176	1194	Beam	Angle	0.00	6	6	-	-	12	-	0.300	Z
1177	1185	Beam	Angle	0.00	6	6	-	-	12	-	0.500	Z
1178	1186	Beam	Angle	0.00	6	6	-	-	12	-	0.367	Z
1179	1183	Beam	Angle	0.00	6	6	-	-	12	-	0.500	Z
1180	1184	Beam	Angle	0.00	6	6	-	-	12	-	0.300	Z
1181	1234	Beam	Angle	0.00	4	4	-	-	-	-	0.387	X
1182	1235	Beam	Angle	0.00	4	4	-	1	-	-	0.617	X
1183	1252	Beam	Angle	0.00	4	4	-	1	-	-	0.310	X
1184	1254	Beam	Angle	90.00	1	1	-	-	-	-	0.191	Z
1185	1255	Beam	Angle	90.00	1	1	-	-	-	-	0.221	Z
1186	1253	Beam	Angle	90.00	1	1	-	-	-	-	0.248	Z
1187	1264	Beam	Angle	90.00	2	2	-	-	-	-	0.022	Z
1188	1188	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
1189	1189	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
1190	1190	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
1191	1191	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
1192	1211	Beam	Angle	0.00	13	13	1	1	-	-	0.651	XZ
1193	1222	Beam	Angle	0.00	13	13	1	1	-	-	0.752	XZ
1194	1223	Beam	Angle	0.00	13	13	1	-	-	-	0.122	XZ
1195	1265	Beam	Angle	0.00	13	13	1	1	-	-	0.241	XZ
1196	1196	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
1197	1197	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
1198	1198	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
1199	1199	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
1200	1200	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
1201	1201	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
1202	1202	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
1203	1203	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
1204	1204	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
1205	1205	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
1206	1206	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
1207	1207	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
1208	1208	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
1209	1209	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
1210	1266	Beam	Angle	0.00	13	13	1	1	-	-	1.137	XZ
1211	1267	Beam	Angle	0.00	13	13	1	1	-	-	0.508	XZ
1212	1212	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
1213	1213	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
1214	1214	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
1215	1215	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
1216	1216	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
1217	1217	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
1218	1218	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
1219	1219	Beam	Angle	0.00	2	2	-	-	-	-	0.320	Z
1220	1220	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
1221	1221	Beam	Angle	0.00	2	2	-	-	-	-	0.320	Z
1222	1278	Beam	Angle	0.00	13	13	1	-	-	-	0.164	XZ
1223	1303	Beam	Angle	0.00	4	4	-	-	-	-	0.387	X

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
1224	1224	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
1225	1225	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
1226	1226	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
1227	1227	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
1228	1228	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
1229	1229	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
1230	1230	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
1231	1231	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
1232	1232	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
1233	1233	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
1234	1393	Beam	Angle	0.00	4	4	-	1	-	-	0.617	X
1235	1395	Beam	Angle	0.00	4	4	-	1	-	-	0.310	X
1236	1236	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1237	1237	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1238	1238	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1239	1239	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1240	1240	Beam	Angle	0.00	1	1	-	-	-	-	0.090	Z
1241	1241	Beam	Angle	0.00	1	1	-	-	-	-	0.090	Z
1242	1242	Beam	Angle	0.00	1	1	-	-	-	-	0.090	Z
1243	1243	Beam	Angle	0.00	1	1	-	-	-	-	0.090	Z
1244	1244	Beam	Angle	0.00	3	3	1	1	-	-	1.705	XZ
1245	1245	Beam	Angle	0.00	3	3	1	1	-	-	1.705	XZ
1246	1246	Beam	Angle	0.00	3	3	1	1	-	-	1.705	XZ
1247	1247	Beam	Angle	0.00	3	3	1	1	-	-	1.705	XZ
1248	1248	Beam	Angle	0.00	3	3	1	1	-	-	1.705	XZ
1249	1249	Beam	Angle	0.00	3	3	1	1	-	-	1.705	XZ
1250	1250	Beam	Angle	0.00	3	3	1	1	-	-	1.705	XZ
1251	1251	Beam	Angle	0.00	3	3	1	1	-	-	1.705	XZ
1252	1394	Beam	Angle	90.00	1	1	-	-	-	-	0.191	Z
1253	1396	Beam	Angle	90.00	1	1	-	-	-	-	0.221	Z
1254	1397	Beam	Angle	90.00	1	1	-	-	-	-	0.248	Z
1255	1302	Beam	Angle	90.00	2	2	-	-	-	-	0.022	Z
1256	1256	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1257	1257	Beam	Angle	0.00	1	1	-	-	-	-	0.090	Z
1258	1258	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1259	1259	Beam	Angle	0.00	1	1	-	-	-	-	0.090	Z
1260	1260	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1261	1261	Beam	Angle	0.00	1	1	-	-	-	-	0.090	Z
1262	1262	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1263	1263	Beam	Angle	0.00	1	1	-	-	-	-	0.090	Z
1264	1279	Beam	Angle	0.00	13	13	1	1	-	-	0.651	XZ
1265	1300	Beam	Angle	0.00	13	13	1	1	-	-	0.752	XZ
1266	1301	Beam	Angle	0.00	13	13	1	-	-	-	0.122	XZ
1267	1398	Beam	Angle	0.00	13	13	1	1	-	-	0.241	XZ
1268	1268	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1269	1269	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1270	1270	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1271	1271	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1272	1272	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1273	1273	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1274	1274	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1275	1275	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1276	1276	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1277	1277	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1278	1399	Beam	Angle	0.00	13	13	1	1	-	-	1.137	XZ
1279	1400	Beam	Angle	0.00	13	13	1	1	-	-	0.508	XZ
1280	1280	Beam	Angle	0.00	1	1	-	-	-	-	0.330	Z
1281	1281	Beam	Angle	0.00	1	1	-	-	-	-	0.710	Z
1282	1283	Beam	Angle	0.00	1	1	-	-	-	-	0.040	Z
1283	1282	Beam	Angle	0.00	1	1	-	-	-	-	0.040	Z
1284	1285	Beam	Angle	0.00	1	1	-	-	-	-	0.330	Z
1285	1286	Beam	Angle	0.00	1	1	-	-	-	-	0.710	Z
1286	1287	Beam	Angle	0.00	1	1	-	-	-	-	0.040	Z
1287	1284	Beam	Angle	0.00	1	1	-	-	-	-	0.040	Z
1288	1290	Beam	Angle	0.00	1	1	-	-	-	-	0.800	Z
1289	1291	Beam	Angle	0.00	1	1	-	-	-	-	0.040	Z
1290	1288	Beam	Angle	0.00	1	1	-	-	-	-	0.800	Z
1291	1289	Beam	Angle	0.00	1	1	-	-	-	-	0.040	Z
1292	1295	Beam	Angle	0.00	1	1	-	-	-	-	0.330	Z
1293	1292	Beam	Angle	0.00	1	1	-	-	-	-	0.040	Z
1294	1294	Beam	Angle	0.00	1	1	-	-	-	-	0.710	Z
1295	1293	Beam	Angle	0.00	1	1	-	-	-	-	0.060	Z
1296	1298	Beam	Angle	0.00	1	1	-	-	-	-	0.330	Z
1297	1296	Beam	Angle	0.00	1	1	-	-	-	-	0.040	Z
1298	1297	Beam	Angle	0.00	1	1	-	-	-	-	0.710	Z
1299	1299	Beam	Angle	0.00	1	1	-	-	-	-	0.060	Z
1300	1401	Beam	Angle	0.00	13	13	1	-	-	-	0.164	XZ
1301	1407	Beam	Angle	0.00	4	4	-	-	-	-	0.387	X
1302	1408	Beam	Angle	0.00	4	4	-	1	-	-	0.617	X
1303	1409	Beam	Angle	0.00	4	4	-	1	-	-	0.310	X
1304	1304	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1305	1305	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1306	1306	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1307	1307	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
1308	1308	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1309	1309	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1310	1310	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1311	1311	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
1312	1312	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
1313	1313	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
1314	1314	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
1315	1315	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
1316	1316	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1317	1317	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
1318	1318	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1319	1319	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1320	1320	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
1321	1321	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
1322	1322	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
1323	1323	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
1324	1324	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1325	1325	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1326	1326	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1327	1327	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1328	1328	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1329	1329	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1330	1334	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1331	1335	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1332	1330	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
1333	1331	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
1334	1332	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1335	1333	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1336	1341	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1337	1340	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1338	1337	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
1339	1336	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
1340	1338	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1341	1339	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1342	1342	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1343	1343	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1344	1344	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1345	1345	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
1346	1346	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
1347	1347	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
1348	1348	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1349	1349	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1350	1350	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1351	1351	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1352	1352	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1353	1358	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1354	1357	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1355	1354	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
1356	1353	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
1357	1355	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1358	1356	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1359	1359	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1360	1360	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1361	1361	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1362	1362	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
1363	1363	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
1364	1364	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
1365	1365	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1366	1366	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1367	1367	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1368	1368	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1369	1369	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1370	1375	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1371	1374	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1372	1371	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
1373	1370	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
1374	1372	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1375	1373	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1376	1376	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1377	1377	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1378	1378	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1379	1379	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
1380	1380	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
1381	1381	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
1382	1382	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1383	1383	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1384	1384	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1385	1385	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1386	1386	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1387	1392	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1388	1391	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1389	1388	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
1390	1387	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
1391	1389	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1392	1390	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1393	1414	Beam	Angle	90.00	1	1	-	-	-	-	0.191	Z
1394	1415	Beam	Angle	90.00	1	1	-	-	-	-	0.221	Z
1395	1416	Beam	Angle	90.00	1	1	-	-	-	-	0.248	Z
1396	1417	Beam	Angle	90.00	2	2	-	-	-	-	0.022	Z
1397	1406	Beam	Angle	0.00	6	6	-	-	12	-	0.433	Z
1398	1402	Beam	Angle	0.00	6	6	-	-	12	-	0.500	Z
1399	1403	Beam	Angle	0.00	6	6	-	-	12	-	0.367	Z
1400	1404	Beam	Angle	0.00	6	6	-	-	12	-	0.500	Z
1401	1405	Beam	Angle	0.00	6	6	-	-	12	-	0.300	Z
1402	1456	Beam	Angle	0.00	13	13	1	1	-	-	0.651	XZ
1403	1457	Beam	Angle	0.00	13	13	1	1	-	-	0.752	XZ
1404	1474	Beam	Angle	0.00	13	13	1	-	-	-	0.122	XZ
1405	1432	Beam	Angle	0.00	13	13	1	1	-	-	0.241	XZ
1406	1433	Beam	Angle	0.00	13	13	1	1	-	-	1.137	XZ
1407	1444	Beam	Angle	0.00	13	13	1	1	-	-	0.508	XZ
1408	1445	Beam	Angle	0.00	13	13	1	-	-	-	0.164	XZ
1409	1489	Beam	Angle	0.00	4	4	-	-	-	-	0.387	X
1410	1410	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
1411	1411	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
1412	1412	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
1413	1413	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
1414	1500	Beam	Angle	0.00	4	4	-	1	-	-	0.617	X
1415	1522	Beam	Angle	0.00	4	4	-	1	-	-	0.310	X
1416	1501	Beam	Angle	90.00	1	1	-	-	-	-	0.191	Z
1417	1488	Beam	Angle	90.00	1	1	-	-	-	-	0.221	Z
1418	1418	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
1419	1419	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
1420	1420	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
1421	1421	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
1422	1422	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
1423	1423	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
1424	1424	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
1425	1425	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
1426	1426	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
1427	1427	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
1428	1428	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
1429	1429	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
1430	1430	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
1431	1431	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
1432	1523	Beam	Angle	90.00	1	1	-	-	-	-	0.248	Z
1433	1524	Beam	Angle	90.00	2	2	-	-	-	-	0.022	Z
1434	1434	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
1435	1435	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
1436	1436	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
1437	1437	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
1438	1438	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
1439	1439	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
1440	1440	Beam	Angle	0.00	2	2	-	-	-	-	0.320	Z
1441	1441	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
1442	1442	Beam	Angle	0.00	2	2	-	-	-	-	0.320	Z
1443	1443	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
1444	1487	Beam	Angle	0.00	6	6	-	-	12	-	0.433	Z
1445	1475	Beam	Angle	0.00	6	6	-	-	12	-	0.500	Z
1446	1446	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
1447	1447	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
1448	1448	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
1449	1449	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
1450	1450	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
1451	1451	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
1452	1452	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
1453	1453	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
1454	1454	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
1455	1455	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
1456	1476	Beam	Angle	0.00	6	6	-	-	12	-	0.367	Z
1457	1477	Beam	Angle	0.00	6	6	-	-	12	-	0.500	Z
1458	1458	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1459	1459	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1460	1460	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1461	1461	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1462	1462	Beam	Angle	0.00	1	1	-	-	-	-	0.090	Z
1463	1463	Beam	Angle	0.00	1	1	-	-	-	-	0.090	Z
1464	1464	Beam	Angle	0.00	1	1	-	-	-	-	0.090	Z
1465	1465	Beam	Angle	0.00	1	1	-	-	-	-	0.090	Z
1466	1466	Beam	Angle	0.00	3	3	1	1	-	-	1.705	XZ
1467	1467	Beam	Angle	0.00	3	3	1	1	-	-	1.705	XZ
1468	1468	Beam	Angle	0.00	3	3	1	-	-	-	0.852	XZ
1469	1469	Beam	Angle	0.00	3	3	1	-	-	-	0.852	XZ
1470	1470	Beam	Angle	0.00	3	3	1	1	-	-	1.705	XZ
1471	1471	Beam	Angle	0.00	3	3	1	1	-	-	1.705	XZ
1472	1472	Beam	Angle	0.00	3	3	1	-	-	-	0.852	XZ
1473	1473	Beam	Angle	0.00	3	3	1	-	-	-	0.852	XZ
1474	1486	Beam	Angle	0.00	6	6	-	-	12	-	0.300	Z
1475	3549	Beam	Angle	0.00	13	13	1	1	-	-	0.651	XZ
1476	3842	Beam	Angle	0.00	13	13	1	1	-	-	0.752	XZ
1477	3843	Beam	Angle	0.00	13	13	1	-	-	-	0.122	XZ
1478	1478	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1479	1479	Beam	Angle	0.00	1	1	-	-	-	-	0.090	Z
1480	1480	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1481	1481	Beam	Angle	0.00	1	1	-	-	-	-	0.090	Z
1482	1482	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1483	1483	Beam	Angle	0.00	1	1	-	-	-	-	0.090	Z
1484	1484	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1485	1485	Beam	Angle	0.00	1	1	-	-	-	-	0.090	Z
1486	1525	Beam	Angle	0.00	13	13	1	1	-	-	0.241	XZ
1487	2924	Beam	Angle	0.00	13	13	1	1	-	-	1.137	XZ
1488	2925	Beam	Angle	0.00	13	13	1	1	-	-	0.508	XZ
1489	3548	Beam	Angle	0.00	13	13	1	-	-	-	0.164	XZ
1490	1490	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1491	1491	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1492	1492	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1493	1493	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1494	1494	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1495	1495	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1496	1496	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1497	1497	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1498	1498	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1499	1499	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1500	3855	Beam	Angle	0.00	6	6	-	-	5	-	0.486	Y
1501	7788	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1502	1502	Beam	Angle	0.00	1	1	-	-	-	-	0.710	Z
1503	1503	Beam	Angle	0.00	1	1	-	-	-	-	0.330	Z
1504	1505	Beam	Angle	0.00	1	1	-	-	-	-	0.040	Z
1505	1504	Beam	Angle	0.00	1	1	-	-	-	-	0.015	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
1506	1507	Beam	Angle	0.00	1	1	-	-	-	-	0.710	Z
1507	1508	Beam	Angle	0.00	1	1	-	-	-	-	0.330	Z
1508	1509	Beam	Angle	0.00	1	1	-	-	-	-	0.040	Z
1509	1506	Beam	Angle	0.00	1	1	-	-	-	-	0.015	Z
1510	1512	Beam	Angle	0.00	1	1	-	-	-	-	0.800	Z
1511	1513	Beam	Angle	0.00	1	1	-	-	-	-	0.040	Z
1512	1510	Beam	Angle	0.00	1	1	-	-	-	-	0.330	Z
1513	1511	Beam	Angle	0.00	1	1	-	-	-	-	0.015	Z
1514	1517	Beam	Angle	0.00	1	1	-	-	-	-	0.710	Z
1515	1514	Beam	Angle	0.00	1	1	-	-	-	-	0.060	Z
1516	1516	Beam	Angle	0.00	1	1	-	-	-	-	0.330	Z
1517	1515	Beam	Angle	0.00	1	1	-	-	-	-	0.015	Z
1518	1520	Beam	Angle	0.00	1	1	-	-	-	-	0.710	Z
1519	1518	Beam	Angle	0.00	1	1	-	-	-	-	0.060	Z
1520	1519	Beam	Angle	0.00	1	1	-	-	-	-	0.330	Z
1521	1521	Beam	Angle	0.00	1	1	-	-	-	-	0.015	Z
1522	7795	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
1523	7800	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1524	7805	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1525	7806	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
1526	1526	Beam	Angle	0.00	4	4	1	1	-	-	0.960	X
1527	1527	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
1528	1528	Beam	Angle	0.00	4	4	1	1	-	-	0.960	X
1529	1529	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
1530	1530	Beam	Angle	0.00	4	4	1	1	-	-	0.960	X
1531	1531	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
1532	1532	Beam	Angle	0.00	4	4	1	1	-	-	0.960	X
1533	1533	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
1534	1535	Beam	Angle	0.00	1	1	-	-	-	-	0.450	Z
1535	1537	Beam	Angle	0.00	1	1	-	-	-	-	0.090	Z
1536	1534	Beam	Angle	0.00	1	1	-	-	-	-	0.090	Z
1537	1536	Beam	Angle	0.00	1	1	-	-	-	-	0.090	Z
1538	1539	Beam	Angle	0.00	1	1	-	-	-	-	0.090	Z
1539	1538	Beam	Angle	0.00	1	1	-	-	-	-	0.090	Z
1540	1544	Beam	Angle	0.00	1	1	-	-	-	-	0.240	Z
1541	1542	Beam	Angle	0.00	1	1	-	-	-	-	0.240	Z
1542	1540	Beam	Angle	0.00	1	1	-	-	-	-	0.140	Z
1543	1543	Beam	Angle	0.00	1	1	-	-	-	-	0.140	Z
1544	1541	Beam	Angle	0.00	1	1	-	-	-	-	0.140	Z
1545	1545	Beam	Angle	0.00	1	1	-	-	-	-	0.140	Z
1546	1546	Beam	Angle	0.00	4	4	1	1	-	-	0.960	X
1547	1547	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
1548	1548	Beam	Angle	0.00	4	4	1	1	-	-	0.960	X
1549	1549	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
1550	1550	Beam	Angle	0.00	4	4	1	1	-	-	0.960	X
1551	1551	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
1552	1552	Beam	Angle	0.00	4	4	1	1	-	-	0.960	X
1553	1553	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
1554	1556	Beam	Angle	0.00	1	1	-	-	-	-	0.090	Z
1555	1554	Beam	Angle	0.00	1	1	-	-	-	-	0.030	Z
1556	1557	Beam	Angle	0.00	1	1	-	-	-	-	0.090	Z
1557	1555	Beam	Angle	0.00	1	1	-	-	-	-	0.030	Z
1558	1558	Beam	Angle	0.00	1	1	-	-	-	-	0.090	Z
1559	1559	Beam	Angle	0.00	1	1	-	-	-	-	0.030	Z
1560	1564	Beam	Angle	0.00	1	1	-	-	-	-	0.240	Z
1561	1565	Beam	Angle	0.00	1	1	-	-	-	-	0.240	Z
1562	1562	Beam	Angle	0.00	1	1	-	-	-	-	0.140	Z
1563	1563	Beam	Angle	0.00	1	1	-	-	-	-	0.140	Z
1564	1560	Beam	Angle	0.00	1	1	-	-	-	-	0.140	Z
1565	1561	Beam	Angle	0.00	1	1	-	-	-	-	0.140	Z
1566	1566	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
1567	1572	Beam	Angle	0.00	3	3	-	1	-	-	0.220	XZ
1568	262	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
1569	1568	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1570	1569	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
1571	1567	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1572	1571	Beam	Angle	0.00	4	4	1	1	-	-	0.161	X
1573	1570	Beam	Angle	0.00	4	4	1	1	-	-	0.161	X
1574	1583	Beam	Angle	0.00	3	3	-	1	-	-	0.220	XZ
1575	1584	Beam	Angle	0.00	3	3	-	1	-	-	0.220	XZ
1576	1587	Beam	Angle	0.00	3	3	-	-	-	-	1.319	XZ
1577	1585	Beam	Angle	0.00	3	3	-	1	-	-	0.220	XZ
1578	1586	Beam	Angle	0.00	3	3	-	1	-	-	0.220	XZ
1579	1574	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
1580	1575	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1581	1577	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
1582	1576	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1583	1578	Beam	Angle	0.00	4	4	1	1	-	-	1.125	X
1584	1580	Beam	Angle	0.00	4	4	1	1	-	-	0.161	X
1585	1582	Beam	Angle	0.00	4	4	1	1	-	-	0.161	X
1586	1581	Beam	Angle	0.00	4	4	1	1	-	-	1.179	X
1587	1579	Beam	Angle	0.00	4	4	1	1	-	-	1.179	X
1588	1588	Beam	Angle	0.00	1	1	-	-	-	-	0.170	Z
1589	1589	Beam	Angle	0.00	1	1	-	-	-	-	0.170	Z
1590	1590	Beam	Angle	0.00	1	1	-	-	-	-	0.570	Z
1591	1591	Beam	Angle	0.00	5	5	1	1	1	-	2.326	XZ
1592	1592	Beam	Angle	0.00	1	1	-	-	-	-	0.158	Z
1593	1593	Beam	Angle	0.00	1	1	-	-	-	-	0.010	Z
1594	1595	Beam	Angle	0.00	1	1	-	-	-	-	0.158	Z
1595	1594	Beam	Angle	0.00	5	5	1	1	1	-	1.861	XZ
1596	1596	Beam	Angle	0.00	5	5	1	1	1	-	1.861	XZ
1597	1597	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1598	1598	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1599	1599	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
1600	1600	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1601	1601	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1602	1602	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1603	1603	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1604	1604	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1605	1605	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1606	1606	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
1607	1607	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
1608	1608	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
1609	1609	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
1610	1610	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
1611	1611	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
1612	1612	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
1613	1613	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
1614	1614	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
1615	1615	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
1616	1616	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
1617	1617	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
1618	1618	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1619	1619	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1620	1620	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1621	1621	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1622	1622	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1623	1623	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1624	1629	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1625	1628	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1626	1625	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
1627	1624	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
1628	1626	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1629	1627	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1630	1634	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1631	1635	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1632	1630	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
1633	1631	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
1634	1633	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1635	1632	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1636	1636	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1637	1637	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1638	1638	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1639	1639	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1640	1640	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1641	1641	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1642	1642	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1643	1643	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1644	1644	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1645	1645	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1646	1646	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
1647	1647	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
1648	1648	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
1649	1649	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
1650	1655	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
1651	1656	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
1652	1657	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
1653	1658	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1654	1659	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1655	1650	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
1656	1651	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
1657	1652	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
1658	1653	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1659	1654	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1660	1660	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
1661	1661	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
1662	1662	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
1663	1663	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1664	1664	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1665	1665	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
1666	1666	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
1667	1667	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
1668	1668	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1669	1669	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1670	1670	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1671	1671	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1672	1672	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1673	1673	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1674	1674	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
1675	1675	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
1676	1677	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
1677	1676	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
1678	1681	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
1679	1678	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
1680	1679	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
1681	1680	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
1682	1682	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1683	1683	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1684	1684	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1685	1685	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1686	1686	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1687	1687	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1688	1688	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
1689	1689	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
1690	1690	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
1691	1691	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
1692	1692	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1693	1693	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
1694	1694	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1695	1700	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1696	1699	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1697	1696	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
1698	1695	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
1699	1697	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1700	1698	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1701	1701	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1702	1702	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1703	1703	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1704	1704	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1705	1705	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1706	1711	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
1707	1712	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
1708	1713	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
1709	1714	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1710	1715	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1711	1706	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
1712	1707	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
1713	1708	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
1714	1709	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1715	1710	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1716	1716	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1717	1717	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1718	1718	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
1719	1719	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
1720	1721	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
1721	1720	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
1722	1722	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
1723	1723	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
1724	1724	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
1725	1725	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
1726	1726	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
1727	1727	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
1728	1728	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
1729	1729	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
1730	1730	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1731	1731	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1732	1732	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
1733	1733	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
1734	1734	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
1735	1735	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
1736	1736	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
1737	1737	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
1738	1738	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
1739	1739	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
1740	1740	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1741	1741	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1742	1742	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1743	1747	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1744	1748	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1745	1743	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
1746	1744	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
1747	1746	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1748	1745	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1749	1749	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1750	1750	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1751	1751	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1752	1752	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1753	1753	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1754	1754	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
1755	1755	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
1756	1756	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
1757	1757	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
1758	1758	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
1759	1759	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
1760	1760	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
1761	1761	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1762	1762	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1763	1763	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
1764	1764	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
1765	1765	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
1766	1766	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1767	1767	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1768	1768	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1769	1769	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1770	1771	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
1771	1770	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
1772	1772	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
1773	1773	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
1774	1774	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1775	1775	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1776	1776	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1777	1777	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1778	1778	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
1779	1779	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
1780	1780	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
1781	1781	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
1782	1782	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
1783	1783	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
1784	1784	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
1785	1785	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
1786	1786	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1787	1787	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
1788	1788	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1789	1793	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1790	1794	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1791	1789	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
1792	1790	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
1793	1792	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1794	1791	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1795	1795	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1796	1796	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1797	1797	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1798	1798	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1799	1799	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1800	1800	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
1801	1801	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
1802	1802	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
1803	1803	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
1804	1804	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
1805	1805	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
1806	1806	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
1807	1807	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1808	1808	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1809	1809	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
1810	1810	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
1811	1811	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
1812	1812	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1813	1813	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1814	1814	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1815	1815	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1816	1817	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
1817	1816	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
1818	1818	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
1819	1819	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
1820	1820	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1821	1821	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1822	1822	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1823	1823	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1824	1824	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
1825	1825	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
1826	1826	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
1827	1827	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
1828	1828	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1829	1829	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1830	1830	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1831	1835	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1832	1836	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1833	1831	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
1834	1832	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
1835	1834	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1836	1833	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1837	1837	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1838	1838	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1839	1839	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1840	1840	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1841	1841	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1842	1842	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
1843	1843	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
1844	1844	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
1845	1845	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1846	1846	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1847	1847	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
1848	1848	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
1849	1849	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
1850	1850	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1851	1851	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1852	1852	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1853	1853	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1854	1855	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
1855	1854	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
1856	1856	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
1857	1857	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
1858	1858	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1859	1859	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1860	1860	Beam	Angle	0.00	1	1	-	-	-	-	1.080	Z
1861	1861	Beam	Angle	0.00	1	1	-	-	-	-	1.080	Z
1862	1862	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
1863	1863	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
1864	1864	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
1865	1865	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
1866	1866	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
1867	1867	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
1868	1868	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
1869	1869	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
1870	1870	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1871	1871	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1872	1872	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1873	1877	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1874	1878	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1875	1873	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
1876	1874	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
1877	1876	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1878	1875	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1879	1879	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1880	1880	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1881	1881	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
1882	1882	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1883	1883	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1884	1884	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
1885	1885	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
1886	1886	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
1887	1887	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
1888	1888	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
1889	1889	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
1890	1890	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
1891	1891	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1892	1892	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1893	1893	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
1894	1894	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
1895	1895	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
1896	1896	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1897	1897	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1898	1898	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1899	1899	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1900	1901	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
1901	1900	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
1902	1902	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
1903	1903	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
1904	1904	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1905	1905	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1906	1906	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1907	1907	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1908	1908	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1909	1909	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1910	1910	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
1911	1911	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
1912	1912	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
1913	1913	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
1914	1914	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1915	1915	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1916	1916	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1917	1922	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1918	1921	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1919	1918	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
1920	1917	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
1921	1919	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1922	1920	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1923	1923	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1924	1924	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1925	1925	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1926	1926	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1927	1927	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1928	1933	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
1929	1934	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
1930	1935	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
1931	1936	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1932	1937	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1933	1928	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
1934	1929	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
1935	1930	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
1936	1931	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1937	1932	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1938	1938	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1939	1939	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1940	1940	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
1941	1941	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
1942	1943	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
1943	1942	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
1944	1944	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1945	1945	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1946	1946	Beam	Angle	0.00	1	1	-	-	-	-	2.070	Z
1947	1947	Beam	Angle	0.00	1	1	-	-	-	-	2.070	Z
1948	1948	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
1949	1949	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
1950	1950	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
1951	1951	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
1952	1952	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1953	1953	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1954	1954	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1955	1960	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1956	1959	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1957	1956	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
1958	1955	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
1959	1957	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1960	1958	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1961	1961	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1962	1962	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1963	1963	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
1964	1964	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1965	1965	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1966	1971	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
1967	1972	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
1968	1973	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
1969	1974	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1970	1975	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1971	1966	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
1972	1967	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
1973	1968	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
1974	1969	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
1975	1970	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
1976	1976	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1977	1977	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
1978	1978	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
1979	1979	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
1980	1981	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
1981	1980	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
1982	1982	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
1983	1983	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
1984	1984	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
1985	1985	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
1986	1986	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
1987	1987	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
1988	1988	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
1989	1989	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
1990	1990	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1991	1991	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
1992	1992	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
1993	1993	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
1994	1994	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
1995	1995	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
1996	1996	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
1997	1997	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
1998	1998	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
1999	1999	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2000	2000	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2001	2001	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2002	2002	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2003	2007	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2004	2008	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2005	2003	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
2006	2004	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
2007	2006	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2008	2005	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2009	2009	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2010	2010	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2011	2011	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2012	2012	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2013	2013	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2014	2014	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2015	2015	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2016	2016	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2017	2017	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2018	2018	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
2019	2019	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2020	2020	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
2021	2021	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2022	2022	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2023	2023	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
2024	2024	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2025	2025	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
2026	2026	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2027	2027	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2028	2028	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2029	2029	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2030	2031	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2031	2030	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2032	2032	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2033	2033	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2034	2034	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2035	2035	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2036	2036	Beam	Angle	0.00	8	8	-	-	6	-	0.155	Z
2037	2037	Beam	Angle	0.00	8	8	-	-	6	-	0.155	Z
2038	2038	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2039	2039	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2040	2040	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
2041	2041	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
2042	2042	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2043	2043	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2044	2044	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2045	2045	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2046	2046	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2047	2052	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2048	2051	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2049	2048	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
2050	2047	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
2051	2049	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2052	2050	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2053	2053	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2054	2054	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2055	2055	Beam	Angle	0.00	4	4	1	-	-	-	1.152	Y
2056	2056	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2057	2057	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2058	2063	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
2059	2064	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2060	2065	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2061	2066	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2062	2067	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2063	2058	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
2064	2059	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2065	2060	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2066	2061	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2067	2062	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2068	2068	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2069	2069	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
2070	2070	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2071	2071	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2072	2073	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2073	2072	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2074	2074	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
2075	2075	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
2076	2076	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
2077	2077	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
2078	2078	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
2079	2079	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
2080	2080	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
2081	2081	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
2082	2082	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2083	2083	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2084	2084	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2085	2085	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2086	2086	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2087	2087	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2088	2088	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2089	2089	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2090	2090	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2091	2091	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2092	2092	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2093	2093	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2094	2094	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2095	2095	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2096	2096	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2097	2097	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2098	2098	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2099	2099	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2100	2100	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2101	2101	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2102	2102	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2103	2103	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2104	2104	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2105	2105	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2106	2111	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2107	2110	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2108	2107	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
2109	2106	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
2110	2108	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2111	2109	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2112	2116	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2113	2117	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2114	2112	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
2115	2113	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
2116	2115	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2117	2114	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2118	2118	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2119	2119	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2120	2120	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2121	2121	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2122	2122	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2123	2123	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2124	2124	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2125	2125	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2126	2126	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2127	2127	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2128	2128	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2129	2129	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2130	2130	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2131	2131	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2132	2137	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
2133	2138	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2134	2139	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
2135	2140	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2136	2141	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2137	2132	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
2138	2133	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2139	2134	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
2140	2135	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2141	2136	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2142	2142	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
2143	2143	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2144	2144	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
2145	2145	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2146	2146	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2147	2147	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
2148	2148	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2149	2149	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
2150	2150	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2151	2151	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2152	2152	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2153	2153	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2154	2154	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2155	2155	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2156	2156	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2157	2157	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2158	2159	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2159	2158	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2160	2163	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2161	2160	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2162	2161	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2163	2162	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
2164	2164	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2165	2165	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2166	2166	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2167	2167	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2168	2168	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2169	2169	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2170	2170	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2171	2171	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2172	2172	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2173	2173	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2174	2174	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2175	2175	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2176	2176	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2177	2182	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2178	2181	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2179	2178	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
2180	2177	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
2181	2179	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2182	2180	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2183	2183	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2184	2184	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2185	2185	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2186	2186	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2187	2187	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2188	2193	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
2189	2194	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2190	2195	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
2191	2196	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2192	2197	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2193	2188	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
2194	2189	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2195	2190	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
2196	2191	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2197	2192	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2198	2198	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2199	2199	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2200	2200	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2201	2201	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2202	2203	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2203	2202	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2204	2204	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
2205	2205	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
2206	2206	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
2207	2207	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
2208	2208	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
2209	2209	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
2210	2210	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
2211	2211	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
2212	2212	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2213	2213	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2214	2214	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2215	2215	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2216	2216	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2217	2217	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2218	2218	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2219	2219	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2220	2220	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2221	2221	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2222	2222	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2223	2223	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2224	2224	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2225	2229	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2226	2230	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2227	2225	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
2228	2226	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
2229	2228	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2230	2227	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2231	2231	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2232	2232	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2233	2233	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2234	2234	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2235	2235	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2236	2236	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2237	2237	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2238	2238	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2239	2239	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2240	2240	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
2241	2241	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2242	2242	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
2243	2243	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2244	2244	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2245	2245	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
2246	2246	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2247	2247	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
2248	2248	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2249	2249	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2250	2250	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2251	2251	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2252	2253	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2253	2252	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2254	2254	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2255	2255	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2256	2256	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2257	2257	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
2258	2258	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2259	2259	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2260	2260	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2261	2261	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2262	2262	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2263	2263	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2264	2264	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2265	2265	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2266	2266	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2267	2267	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2268	2268	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2269	2269	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2270	2270	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2271	2275	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2272	2276	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2273	2271	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
2274	2272	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
2275	2274	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2276	2273	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2277	2277	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2278	2278	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2279	2279	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2280	2280	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2281	2281	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2282	2282	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2283	2283	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2284	2284	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2285	2285	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2286	2286	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
2287	2287	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2288	2288	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
2289	2289	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2290	2290	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2291	2291	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
2292	2292	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2293	2293	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
2294	2294	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2295	2295	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2296	2296	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2297	2297	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2298	2299	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2299	2298	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2300	2300	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2301	2301	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2302	2302	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2303	2303	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2304	2304	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2305	2305	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2306	2306	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2307	2307	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2308	2308	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2309	2309	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2310	2310	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2311	2311	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2312	2312	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2313	2317	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2314	2318	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2315	2313	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
2316	2314	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
2317	2316	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2318	2315	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2319	2319	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2320	2320	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2321	2321	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2322	2322	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2323	2323	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2324	2324	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
2325	2325	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2326	2326	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
2327	2327	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2328	2328	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2329	2329	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
2330	2330	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2331	2331	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
2332	2332	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2333	2333	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2334	2334	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2335	2335	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2336	2337	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2337	2336	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2338	2338	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2339	2339	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2340	2340	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2341	2341	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2342	2342	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2343	2343	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2344	2344	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2345	2345	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2346	2346	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2347	2347	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2348	2348	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2349	2349	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2350	2350	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2351	2351	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
2352	2352	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2353	2353	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2354	2354	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2355	2355	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2356	2356	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2357	2357	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2358	2358	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2359	2359	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2360	2360	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2361	2366	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2362	2365	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2363	2362	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
2364	2361	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
2365	2363	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2366	2364	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2367	2367	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2368	2368	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2369	2369	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2370	2370	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2371	2371	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2372	2377	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
2373	2378	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2374	2379	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
2375	2380	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2376	2381	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2377	2372	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
2378	2373	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2379	2374	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
2380	2375	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2381	2376	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2382	2382	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2383	2383	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2384	2384	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2385	2385	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2386	2387	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2387	2386	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2388	2388	Beam	Angle	0.00	3	3	1	1	-	-	1.844	XZ
2389	2389	Beam	Angle	0.00	3	3	1	1	-	-	1.844	XZ
2390	2390	Beam	Angle	0.00	3	3	1	1	-	-	1.844	XZ
2391	2391	Beam	Angle	0.00	3	3	1	1	-	-	1.844	XZ
2392	2392	Beam	Angle	0.00	3	3	1	1	-	-	1.844	XZ
2393	2393	Beam	Angle	0.00	3	3	1	1	-	-	1.844	XZ
2394	2394	Beam	Angle	0.00	3	3	1	1	-	-	1.844	XZ
2395	2395	Beam	Angle	0.00	3	3	1	1	-	-	1.844	XZ
2396	2396	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2397	2397	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2398	2398	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2399	2399	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2400	2400	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2401	2401	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2402	2402	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2403	2403	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2404	2404	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2405	2405	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2406	2406	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2407	2407	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2408	2408	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2409	2413	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2410	2414	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2411	2409	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
2412	2410	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
2413	2412	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2414	2411	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2415	2415	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2416	2416	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2417	2417	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2418	2418	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2419	2419	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2420	2420	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2421	2421	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2422	2422	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2423	2423	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2424	2424	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
2425	2425	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2426	2426	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
2427	2427	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2428	2428	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2429	2429	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
2430	2430	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2431	2431	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
2432	2432	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2433	2433	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2434	2434	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2435	2435	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2436	2437	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2437	2436	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2438	2438	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2439	2439	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2440	2440	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2441	2441	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2442	2442	Beam	Angle	0.00	8	8	-	-	6	-	0.155	Z
2443	2443	Beam	Angle	0.00	8	8	-	-	6	-	0.155	Z
2444	2444	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2445	2445	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
2446	2446	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
2447	2447	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
2448	2448	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2449	2449	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2450	2450	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2451	2451	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2452	2452	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2453	2458	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2454	2457	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2455	2454	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
2456	2453	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
2457	2455	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2458	2456	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2459	2459	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2460	2460	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2461	2461	Beam	Angle	0.00	4	4	1	-	-	-	1.152	Y
2462	2462	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2463	2463	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2464	2469	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
2465	2470	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2466	2471	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2467	2472	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2468	2473	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2469	2464	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
2470	2465	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2471	2466	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2472	2467	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2473	2468	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2474	2474	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2475	2475	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2476	2476	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2477	2477	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2478	2479	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2479	2478	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2480	2480	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
2481	2481	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
2482	2482	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
2483	2483	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
2484	2484	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
2485	2485	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
2486	2486	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
2487	2487	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
2488	2488	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2489	2489	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2490	2490	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2491	2491	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2492	2492	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2493	2493	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2494	2494	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2495	2495	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2496	2496	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2497	2501	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2498	2502	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2499	2497	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
2500	2498	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
2501	2500	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2502	2499	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2503	2503	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2504	2504	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2505	2505	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2506	2506	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2507	2507	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2508	2508	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
2509	2509	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2510	2510	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
2511	2511	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2512	2512	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2513	2513	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
2514	2514	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2515	2515	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
2516	2516	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2517	2517	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2518	2518	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2519	2519	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2520	2521	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2521	2520	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2522	2522	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2523	2523	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2524	2524	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2525	2525	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2526	2526	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2527	2527	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2528	2528	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2529	2529	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2530	2530	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2531	2531	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2532	2532	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2533	2533	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2534	2534	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2535	2539	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2536	2540	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2537	2535	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
2538	2536	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
2539	2538	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
2540	2537	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2541	2541	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2542	2542	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2543	2543	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2544	2544	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2545	2545	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2546	2546	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
2547	2547	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2548	2548	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
2549	2549	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2550	2550	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2551	2551	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
2552	2552	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2553	2553	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
2554	2554	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2555	2555	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2556	2556	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2557	2557	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2558	2559	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2559	2558	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2560	2560	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2561	2561	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2562	2562	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2563	2563	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2564	2564	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2565	2565	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2566	2566	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
2567	2567	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2568	2568	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
2569	2569	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2570	2570	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2571	2571	Beam	Angle	0.00	1	1	-	-	-	-	0.205	Z
2572	2572	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2573	2573	Beam	Angle	0.00	1	1	-	-	-	-	0.205	Z
2574	2574	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2575	2575	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2576	2576	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2577	2577	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2578	2578	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2579	2579	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2580	2580	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2581	2581	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2582	2582	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2583	2583	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2584	3610	Beam	Angle	90.00	6	6	-	-	20	-	0.067	Z
2585	2585	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2586	2586	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2587	3474	Beam	Angle	90.00	6	6	-	-	20	-	0.500	Z
2588	2593	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2589	2592	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2590	2589	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
2591	2588	Beam	Angle	0.00	1	1	-	-	-	-	0.095	Z
2592	2590	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2593	2591	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2594	2598	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2595	2599	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2596	2594	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
2597	2595	Beam	Angle	0.00	1	1	-	-	-	-	0.095	Z
2598	2597	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2599	2596	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2600	2600	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2601	3514	Beam	Angle	90.00	6	6	-	-	20	-	0.500	Z
2602	2602	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2603	2603	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2604	3522	Beam	Angle	90.00	6	6	-	-	20	-	0.150	Z
2605	2605	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2606	2606	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2607	2607	Beam	Angle	0.00	1	1	-	-	-	-	0.040	Z
2608	2608	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2609	2609	Beam	Angle	0.00	1	1	-	-	-	-	0.040	Z
2610	2610	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2611	2611	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2612	2612	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2613	2613	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2614	2619	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
2615	2620	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2616	2621	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2617	2622	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2618	2623	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2619	2614	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
2620	2615	Beam	Angle	0.00	1	1	-	-	-	-	0.160	Z
2621	2616	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
2622	2617	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2623	2618	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2624	2624	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
2625	2625	Beam	Angle	0.00	1	1	-	-	-	-	0.230	Z
2626	2626	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2627	2627	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2628	2628	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2629	2629	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
2630	2630	Beam	Angle	0.00	1	1	-	-	-	-	0.160	Z
2631	2631	Beam	Angle	0.00	1	1	-	-	-	-	0.430	Z
2632	2632	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2633	2633	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
2634	2634	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2635	2635	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2636	2636	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2637	2637	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2638	2638	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2639	2639	Beam	Angle	0.00	1	1	-	-	-	-	0.286	Z
2640	2641	Beam	Angle	0.00	1	1	-	-	-	-	0.080	Z
2641	2640	Beam	Angle	0.00	1	1	-	-	-	-	0.080	Z
2642	2645	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2643	2642	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2644	2643	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2645	2644	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2646	2646	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2647	2647	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2648	2648	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2649	2649	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2650	2650	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
2651	2651	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2652	2652	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
2653	2653	Beam	Angle	0.00	1	1	-	-	-	-	0.205	Z
2654	2654	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2655	2655	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2656	2656	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2657	2657	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2658	3466	Beam	Angle	90.00	6	6	-	-	20	-	0.350	Z
2659	2664	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2660	2663	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2661	2660	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
2662	2659	Beam	Angle	0.00	1	1	-	-	-	-	0.095	Z
2663	2661	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2664	2662	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2665	2665	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2666	3558	Beam	Angle	90.00	6	6	-	-	20	-	0.060	Z
2667	2667	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2668	2668	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2669	2669	Beam	Angle	0.00	1	1	-	-	-	-	0.040	Z
2670	2675	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
2671	2676	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2672	2677	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2673	2678	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2674	2679	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2675	2670	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
2676	2671	Beam	Angle	0.00	1	1	-	-	-	-	0.160	Z
2677	2672	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
2678	2673	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2679	2674	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2680	2680	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2681	2681	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2682	2682	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2683	2683	Beam	Angle	0.00	1	1	-	-	-	-	0.286	Z
2684	2685	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2685	2684	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2686	2686	Beam	Angle	0.00	3	3	1	1	-	-	1.696	XZ
2687	2687	Beam	Angle	0.00	3	3	1	1	-	-	1.696	XZ
2688	2688	Beam	Angle	0.00	3	3	1	1	-	-	1.696	XZ
2689	2689	Beam	Angle	0.00	3	3	1	1	-	-	1.696	XZ
2690	2690	Beam	Angle	0.00	3	3	1	1	-	-	1.696	XZ
2691	2691	Beam	Angle	0.00	3	3	1	1	-	-	1.696	XZ
2692	2692	Beam	Angle	0.00	3	3	1	1	-	-	1.696	XZ
2693	2693	Beam	Angle	0.00	3	3	1	1	-	-	1.696	XZ
2694	2694	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
2695	2695	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2696	2696	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2697	2697	Beam	Angle	0.00	1	1	-	-	-	-	0.205	Z
2698	2698	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2699	2699	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2700	2700	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2701	2701	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2702	2702	Beam	Angle	0.00	3	3	1	-	-	-	1.803	XZ
2703	2703	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2704	2704	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2705	2705	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2706	4356	Beam	Angle	270.00	6	6	-	-	22	-	0.500	Z
2707	2711	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2708	2712	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2709	2707	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
2710	2708	Beam	Angle	0.00	1	1	-	-	-	-	0.095	Z
2711	2710	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2712	2709	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2713	2713	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2714	4357	Beam	Angle	270.00	6	6	-	-	22	-	0.067	Z
2715	2715	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2716	2716	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2717	2717	Beam	Angle	0.00	1	1	-	-	-	-	0.040	Z
2718	2718	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2719	2719	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2720	2720	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2721	2721	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2722	2722	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
2723	2723	Beam	Angle	0.00	1	1	-	-	-	-	0.230	Z
2724	2724	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2725	2725	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2726	2726	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2727	2727	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
2728	2728	Beam	Angle	0.00	1	1	-	-	-	-	0.160	Z
2729	2729	Beam	Angle	0.00	1	1	-	-	-	-	0.430	Z
2730	2730	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2731	2731	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2732	2732	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2733	2733	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2734	2735	Beam	Angle	0.00	1	1	-	-	-	-	0.080	Z
2735	2734	Beam	Angle	0.00	1	1	-	-	-	-	0.080	Z
2736	2736	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2737	2737	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2738	2738	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2739	2739	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2740	2740	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
2741	2741	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2742	2742	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
2743	2743	Beam	Angle	0.00	1	1	-	-	-	-	0.205	Z
2744	2744	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2745	2745	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2746	3390	Beam	Angle	0.00	8	8	-	-	31	-	0.056	Z
2747	4203	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2748	3496	Beam	Angle	0.00	8	8	-	-	31	-	0.056	Z
2749	4204	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2750	2750	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2751	2751	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2752	4370	Beam	Angle	270.00	6	6	-	-	22	-	0.500	Z
2753	2757	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2754	2758	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2755	2753	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
2756	2754	Beam	Angle	0.00	1	1	-	-	-	-	0.095	Z
2757	2756	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2758	2755	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2759	2759	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2760	4373	Beam	Angle	270.00	6	6	-	-	22	-	0.500	Z
2761	2761	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2762	2762	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2763	2763	Beam	Angle	0.00	1	1	-	-	-	-	0.040	Z
2764	3498	Beam	Angle	0.00	8	8	-	-	31	-	0.056	Z
2765	4205	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2766	3494	Beam	Angle	0.00	8	8	-	-	31	-	0.056	Z
2767	4206	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2768	2768	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
2769	2769	Beam	Angle	0.00	1	1	-	-	-	-	0.230	Z
2770	2770	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2771	2771	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2772	2772	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2773	2773	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
2774	2774	Beam	Angle	0.00	1	1	-	-	-	-	0.160	Z
2775	2775	Beam	Angle	0.00	1	1	-	-	-	-	0.430	Z
2776	2776	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2777	2777	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2778	2778	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2779	2779	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2780	2781	Beam	Angle	0.00	1	1	-	-	-	-	0.080	Z
2781	2780	Beam	Angle	0.00	1	1	-	-	-	-	0.080	Z
2782	2782	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2783	2783	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2784	2784	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2785	2785	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2786	2786	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
2787	2787	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2788	2788	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
2789	2789	Beam	Angle	0.00	1	1	-	-	-	-	0.205	Z
2790	2790	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2791	2791	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2792	2792	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2793	2793	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2794	4374	Beam	Angle	270.00	6	6	-	-	22	-	0.150	Z
2795	2799	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2796	2800	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2797	2795	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
2798	2796	Beam	Angle	0.00	1	1	-	-	-	-	0.095	Z
2799	2798	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2800	2797	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2801	2801	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2802	4355	Beam	Angle	270.00	6	6	-	-	22	-	0.350	Z
2803	2803	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2804	2804	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2805	2805	Beam	Angle	0.00	1	1	-	-	-	-	0.040	Z
2806	2806	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
2807	2807	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2808	2808	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2809	2809	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2810	2810	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2811	2811	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
2812	2812	Beam	Angle	0.00	1	1	-	-	-	-	0.160	Z
2813	2813	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
2814	2814	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2815	2815	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2816	2816	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2817	2817	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2818	2819	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2819	2818	Beam	Angle	0.00	1	1	-	-	-	-	0.286	Z
2820	2820	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2821	2821	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
2822	2822	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2823	2823	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2824	2824	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2825	2825	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2826	2826	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2827	2827	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2828	2828	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2829	2829	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2830	2830	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2831	2831	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2832	2832	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2833	2833	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2834	2834	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
2835	2835	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2836	2836	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2837	2837	Beam	Angle	0.00	1	1	-	-	-	-	0.205	Z
2838	2838	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2839	2839	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2840	2840	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2841	2841	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2842	4367	Beam	Angle	270.00	6	6	-	-	22	-	0.060	Z
2843	2848	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2844	2847	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2845	2844	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
2846	2843	Beam	Angle	0.00	1	1	-	-	-	-	0.095	Z
2847	2845	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2848	2846	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2849	2849	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2850	4368	Beam	Angle	270.00	6	6	-	-	22	-	0.500	Z
2851	2851	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2852	2852	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2853	2853	Beam	Angle	0.00	1	1	-	-	-	-	0.040	Z
2854	2859	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
2855	2860	Beam	Angle	0.00	1	1	-	-	-	-	0.230	Z
2856	2861	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2857	2862	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2858	2863	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2859	2854	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
2860	2855	Beam	Angle	0.00	1	1	-	-	-	-	0.160	Z
2861	2856	Beam	Angle	0.00	1	1	-	-	-	-	0.430	Z
2862	2857	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2863	2858	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2864	2864	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2865	2865	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2866	2866	Beam	Angle	0.00	1	1	-	-	-	-	0.080	Z
2867	2867	Beam	Angle	0.00	1	1	-	-	-	-	0.080	Z
2868	2869	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2869	2868	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2870	3388	Beam	Angle	0.00	8	8	-	-	31	-	0.056	Z
2871	4207	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2872	4965	Beam	Angle	0.00	8	8	-	-	31	-	0.056	Z
2873	4208	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2874	3500	Beam	Angle	0.00	8	8	-	-	31	-	0.056	Z
2875	4234	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2876	4964	Beam	Angle	0.00	8	8	-	-	31	-	0.056	Z
2877	4235	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2878	2878	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
2879	2879	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2880	2880	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2881	2881	Beam	Angle	0.00	1	1	-	-	-	-	0.205	Z
2882	2882	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2883	2883	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2884	2884	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2885	2885	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2886	2886	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2887	2887	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2888	2888	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2889	2889	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2890	4369	Beam	Angle	270.00	6	6	-	-	22	-	0.067	Z
2891	2895	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2892	2896	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2893	2891	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
2894	2892	Beam	Angle	0.00	1	1	-	-	-	-	0.095	Z
2895	2894	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2896	2893	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2897	2897	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2898	4361	Beam	Angle	270.00	6	6	-	-	22	-	0.500	Z
2899	2899	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2900	2900	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2901	2901	Beam	Angle	0.00	1	1	-	-	-	-	0.040	Z
2902	2902	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2903	2903	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2904	2904	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2905	2905	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2906	2906	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
2907	2907	Beam	Angle	0.00	1	1	-	-	-	-	0.230	Z
2908	2908	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2909	2909	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2910	2910	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2911	2911	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
2912	2912	Beam	Angle	0.00	1	1	-	-	-	-	0.160	Z
2913	2913	Beam	Angle	0.00	1	1	-	-	-	-	0.430	Z
2914	2914	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2915	2915	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
2916	2916	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2917	2917	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2918	2919	Beam	Angle	0.00	1	1	-	-	-	-	0.080	Z
2919	2918	Beam	Angle	0.00	1	1	-	-	-	-	0.080	Z
2920	2920	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2921	2921	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2922	2922	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2923	2923	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2924	7818	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
2925	7823	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2926	2926	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
2927	2927	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2928	2928	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2929	2929	Beam	Angle	0.00	1	1	-	-	-	-	0.205	Z
2930	2930	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2931	2931	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2932	2932	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2933	2933	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2934	4362	Beam	Angle	270.00	6	6	-	-	22	-	0.500	Z
2935	2940	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2936	2939	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2937	2936	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
2938	2935	Beam	Angle	0.00	1	1	-	-	-	-	0.095	Z
2939	2937	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2940	2938	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2941	2941	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2942	4364	Beam	Angle	270.00	6	6	-	-	22	-	0.150	Z
2943	2943	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2944	2944	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2945	2945	Beam	Angle	0.00	1	1	-	-	-	-	0.040	Z
2946	2951	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
2947	2952	Beam	Angle	0.00	1	1	-	-	-	-	0.600	Z
2948	2953	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2949	2954	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2950	2955	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2951	2946	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
2952	2947	Beam	Angle	0.00	1	1	-	-	-	-	0.160	Z
2953	2948	Beam	Angle	0.00	1	1	-	-	-	-	0.800	Z
2954	2949	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2955	2950	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2956	2956	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2957	2957	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
2958	2958	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2959	2959	Beam	Angle	0.00	1	1	-	-	-	-	0.286	Z
2960	2961	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2961	2960	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2962	2962	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2963	2963	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2964	2964	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2965	2965	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2966	2966	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2967	2967	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2968	2968	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2969	2969	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
2970	2970	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
2971	2971	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2972	2972	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
2973	2973	Beam	Angle	0.00	1	1	-	-	-	-	0.205	Z
2974	2974	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2975	2975	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
2976	2976	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2977	2977	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2978	4358	Beam	Angle	270.00	6	6	-	-	22	-	0.350	Z
2979	2983	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2980	2984	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2981	2979	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
2982	2980	Beam	Angle	0.00	1	1	-	-	-	-	0.095	Z
2983	2982	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2984	2981	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2985	2985	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2986	4365	Beam	Angle	270.00	6	6	-	-	22	-	0.060	Z
2987	2987	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
2988	2988	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2989	2989	Beam	Angle	0.00	1	1	-	-	-	-	0.040	Z
2990	2990	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
2991	2991	Beam	Angle	0.00	1	1	-	-	-	-	0.600	Z
2992	2992	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2993	2993	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2994	2994	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
2995	2995	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
2996	2996	Beam	Angle	0.00	1	1	-	-	-	-	0.160	Z
2997	2997	Beam	Angle	0.00	1	1	-	-	-	-	0.800	Z
2998	2998	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
2999	2999	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3000	3000	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3001	3001	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3002	3003	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
3003	3002	Beam	Angle	0.00	1	1	-	-	-	-	0.286	Z
3004	3004	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3005	3005	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3006	3006	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3007	3007	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3008	3008	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
3009	3009	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
3010	3010	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
3011	3011	Beam	Angle	0.00	1	1	-	-	-	-	0.205	Z
3012	3012	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3013	3013	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3014	3014	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3015	3015	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3016	9162	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3017	3021	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3018	3022	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3019	3017	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
3020	3018	Beam	Angle	0.00	1	1	-	-	-	-	0.095	Z
3021	3020	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3022	3019	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3023	3023	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3024	9165	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3025	3025	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3026	3026	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3027	3027	Beam	Angle	0.00	1	1	-	-	-	-	0.040	Z
3028	3028	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
3029	3029	Beam	Angle	0.00	1	1	-	-	-	-	0.230	Z
3030	3030	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3031	3031	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3032	3032	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3033	3033	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
3034	3034	Beam	Angle	0.00	1	1	-	-	-	-	0.160	Z
3035	3035	Beam	Angle	0.00	1	1	-	-	-	-	0.430	Z
3036	3036	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3037	3037	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3038	3038	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3039	3039	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3040	3041	Beam	Angle	0.00	1	1	-	-	-	-	0.080	Z
3041	3040	Beam	Angle	0.00	1	1	-	-	-	-	0.080	Z
3042	3042	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3043	3043	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3044	3044	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3045	3045	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3046	3046	Beam	Angle	0.00	8	8	-	-	6	-	0.155	Z
3047	3047	Beam	Angle	0.00	8	8	-	-	6	-	0.155	Z
3048	3048	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
3049	3049	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3050	3050	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
3051	3051	Beam	Angle	0.00	1	1	-	-	-	-	0.205	Z
3052	3052	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3053	3053	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3054	3054	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3055	3055	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3056	4433	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
3057	3062	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3058	3061	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3059	3058	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
3060	3057	Beam	Angle	0.00	1	1	-	-	-	-	0.095	Z
3061	3059	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3062	3060	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3063	3063	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3064	9164	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3065	3065	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3066	3066	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3067	3067	Beam	Angle	0.00	1	1	-	-	-	-	0.040	Z
3068	3073	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
3069	3074	Beam	Angle	0.00	1	1	-	-	-	-	0.600	Z
3070	3075	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3071	3076	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3072	3077	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3073	3068	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
3074	3069	Beam	Angle	0.00	1	1	-	-	-	-	0.160	Z
3075	3070	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3076	3071	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3077	3072	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3078	3078	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3079	3079	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3080	3080	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
3081	3081	Beam	Angle	0.00	1	1	-	-	-	-	0.286	Z
3082	3083	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3083	3082	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3084	3084	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3085	3085	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3086	3086	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3087	3087	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3088	3088	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3089	3089	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3090	3090	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3091	3091	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3092	3095	Beam	Angle	0.00	1	1	-	-	-	-	0.170	Z
3093	3092	Beam	Angle	0.00	1	1	-	-	-	-	0.170	Z
3094	3093	Beam	Angle	0.00	1	1	-	-	-	-	0.120	Z
3095	3094	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
3096	3096	Beam	Angle	0.00	1	1	-	-	-	-	0.220	Z
3097	3097	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3098	3101	Beam	Angle	0.00	1	1	-	-	-	-	0.120	Z
3099	3102	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
3100	3099	Beam	Angle	0.00	1	1	-	-	-	-	0.220	Z
3101	3100	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3102	3103	Beam	Angle	0.00	1	1	-	-	-	-	0.270	Z
3103	3098	Beam	Angle	0.00	1	1	-	-	-	-	0.206	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
3104	3116	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
3105	3117	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
3106	3118	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
3107	3119	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
3108	3113	Beam	Angle	0.00	1	1	-	-	-	-	0.170	Z
3109	3112	Beam	Angle	0.00	1	1	-	-	-	-	0.170	Z
3110	3108	Beam	Angle	0.00	1	1	-	-	-	-	0.120	Z
3111	3109	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
3112	3110	Beam	Angle	0.00	1	1	-	-	-	-	0.220	Z
3113	3111	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3114	3114	Beam	Angle	0.00	1	1	-	-	-	-	0.120	Z
3115	3115	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
3116	3106	Beam	Angle	0.00	1	1	-	-	-	-	0.220	Z
3117	3107	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3118	3104	Beam	Angle	0.00	1	1	-	-	-	-	0.270	Z
3119	3105	Beam	Angle	0.00	1	1	-	-	-	-	0.206	Z
3120	3120	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
3121	3121	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
3122	3122	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
3123	3123	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
3124	3124	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
3125	3125	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3126	3126	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
3127	3127	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3128	3129	Beam	Angle	0.00	1	1	-	-	-	-	0.270	Z
3129	3128	Beam	Angle	0.00	1	1	-	-	-	-	0.206	Z
3130	3131	Beam	Angle	0.00	1	1	-	-	-	-	0.170	Z
3131	3130	Beam	Angle	0.00	1	1	-	-	-	-	0.170	Z
3132	7258	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3133	7259	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3134	7260	Beam	Angle	0.00	3	3	1	-	-	-	2.052	XZ
3135	7261	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3136	7262	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3137	7263	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3138	7265	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3139	7266	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3140	7277	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3141	7278	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3142	7279	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3143	7280	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3144	7281	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3145	7283	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3146	7284	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3147	7285	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3148	3148	Beam	Angle	0.00	1	1	-	-	-	-	0.120	Z
3149	3149	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
3150	3154	Beam	Angle	0.00	1	1	-	-	-	-	0.220	Z
3151	3155	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3152	3152	Beam	Angle	0.00	1	1	-	-	-	-	0.120	Z
3153	3153	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
3154	3150	Beam	Angle	0.00	1	1	-	-	-	-	0.220	Z
3155	3151	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3156	3157	Beam	Angle	0.00	1	1	-	-	-	-	0.170	Z
3157	3156	Beam	Angle	0.00	1	1	-	-	-	-	0.170	Z
3158	3158	Beam	Angle	0.00	1	1	-	-	-	-	0.270	Z
3159	3159	Beam	Angle	0.00	1	1	-	-	-	-	0.206	Z
3160	3160	Beam	Angle	0.00	1	1	-	-	-	-	0.170	Z
3161	3161	Beam	Angle	0.00	1	1	-	-	-	-	0.170	Z
3162	3164	Beam	Angle	0.00	1	1	-	-	-	-	0.120	Z
3163	3165	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
3164	3162	Beam	Angle	0.00	1	1	-	-	-	-	0.220	Z
3165	3163	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3166	3168	Beam	Angle	0.00	1	1	-	-	-	-	0.120	Z
3167	3169	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
3168	3166	Beam	Angle	0.00	1	1	-	-	-	-	0.220	Z
3169	3167	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3170	3171	Beam	Angle	0.00	1	1	-	-	-	-	0.270	Z
3171	3170	Beam	Angle	0.00	1	1	-	-	-	-	0.206	Z
3172	3172	Beam	Angle	0.00	1	1	-	-	-	-	0.170	Z
3173	3173	Beam	Angle	0.00	1	1	-	-	-	-	0.170	Z
3174	3175	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
3175	3176	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3176	3178	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
3177	3177	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3178	3179	Beam	Angle	0.00	1	1	-	-	-	-	0.270	Z
3179	3174	Beam	Angle	0.00	1	1	-	-	-	-	0.206	Z
3180	3180	Beam	Angle	0.00	1	1	-	-	-	-	0.120	Z
3181	3181	Beam	Angle	0.00	1	1	-	-	-	-	0.220	Z
3182	3183	Beam	Angle	0.00	1	1	-	-	-	-	0.120	Z
3183	3182	Beam	Angle	0.00	1	1	-	-	-	-	0.220	Z
3184	3184	Beam	Angle	0.00	1	1	-	-	-	-	0.120	Z
3185	3185	Beam	Angle	0.00	1	1	-	-	-	-	0.220	Z
3186	3186	Beam	Angle	0.00	1	1	-	-	-	-	0.120	Z
3187	3187	Beam	Angle	0.00	1	1	-	-	-	-	0.220	Z
3188	3188	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3189	3189	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3190	3190	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3191	3191	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3192	3192	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3193	3193	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3194	3194	Beam	Angle	0.00	1	1	-	-	-	-	0.214	Z
3195	3195	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
3196	3196	Beam	Angle	0.00	1	1	-	-	-	-	0.214	Z
3197	3197	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
3198	3198	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3199	3199	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3200	3200	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3201	3201	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3202	3202	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3203	3203	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3204	3204	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3205	3205	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3206	3206	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3207	3207	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3208	4435	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
3209	3209	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3210	3210	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3211	6317	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3212	3217	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3213	3216	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3214	3213	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
3215	3212	Beam	Angle	0.00	1	1	-	-	-	-	0.376	Z
3216	3214	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3217	3215	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3218	3222	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3219	3223	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3220	3218	Beam	Angle	0.00	1	1	-	-	-	-	0.530	Z
3221	3219	Beam	Angle	0.00	1	1	-	-	-	-	0.376	Z
3222	3221	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3223	3220	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3224	3224	Beam	Angle	0.00	4	4	1	-	-	-	0.024	Y
3225	4447	Beam	Angle	0.00	1	1	-	-	-	-	0.550	Z
3226	3226	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3227	3227	Beam	Angle	0.00	4	4	1	-	-	-	0.024	Y
3228	6318	Beam	Angle	0.00	1	1	-	-	-	-	0.150	YZ
3229	3229	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3230	3230	Beam	Angle	0.00	1	1	-	-	-	-	0.068	Z
3231	3231	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3232	3232	Beam	Angle	0.00	1	1	-	-	-	-	0.068	Z
3233	3233	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3234	3234	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3235	3235	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3236	3236	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3237	3237	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3238	3243	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
3239	3244	Beam	Angle	0.00	1	1	-	-	-	-	0.132	Z
3240	3245	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
3241	3246	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3242	3247	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3243	3238	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
3244	3239	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
3245	3240	Beam	Angle	0.00	1	1	-	-	-	-	0.049	Z
3246	3241	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3247	3242	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3248	3248	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
3249	3249	Beam	Angle	0.00	1	1	-	-	-	-	0.132	Z
3250	3250	Beam	Angle	0.00	1	1	-	-	-	-	0.430	Z
3251	3251	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3252	3252	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3253	3253	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
3254	3254	Beam	Angle	0.00	1	1	-	-	-	-	0.230	Z
3255	3255	Beam	Angle	0.00	1	1	-	-	-	-	0.049	Z
3256	3256	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3257	3257	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3258	3258	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3259	3259	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3260	3260	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3261	3261	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3262	3262	Beam	Angle	0.00	1	1	-	-	-	-	0.271	Z
3263	3263	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
3264	3265	Beam	Angle	0.00	1	1	-	-	-	-	0.080	Z
3265	3264	Beam	Angle	0.00	1	1	-	-	-	-	0.080	Z
3266	3269	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3267	3266	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3268	3267	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3269	3268	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3270	3270	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3271	3271	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3272	3272	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3273	3273	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3274	3274	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3275	3275	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3276	3276	Beam	Angle	0.00	1	1	-	-	-	-	0.214	Z
3277	3277	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
3278	3278	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3279	3279	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3280	3280	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3281	3281	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3282	4442	Beam	Angle	0.00	1	1	-	-	-	-	0.550	Z
3283	3288	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3284	3287	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3285	3284	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
3286	3283	Beam	Angle	0.00	1	1	-	-	-	-	0.376	Z
3287	3285	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3288	3286	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3289	3289	Beam	Angle	0.00	4	4	1	-	-	-	0.024	Y
3290	4895	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
3291	3291	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
3292	3292	Beam	Angle	0.00	1	1	-	-	-	-	0.068	Z
3293	3293	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3294	3299	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
3295	3300	Beam	Angle	0.00	1	1	-	-	-	-	0.132	Z
3296	3301	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
3297	3302	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3298	3303	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3299	3294	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
3300	3295	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
3301	3296	Beam	Angle	0.00	1	1	-	-	-	-	0.049	Z
3302	3297	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3303	3298	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3304	3304	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3305	3305	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3306	3306	Beam	Angle	0.00	1	1	-	-	-	-	0.271	Z
3307	3307	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
3308	3309	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3309	3308	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3310	3310	Beam	Angle	0.00	3	3	1	1	-	-	1.696	XZ
3311	3311	Beam	Angle	0.00	3	3	1	1	-	-	1.696	XZ
3312	3312	Beam	Angle	0.00	3	3	1	1	-	-	1.696	XZ
3313	3313	Beam	Angle	0.00	3	3	1	1	-	-	1.696	XZ
3314	3314	Beam	Angle	0.00	3	3	1	1	-	-	1.696	XZ
3315	3315	Beam	Angle	0.00	3	3	1	1	-	-	1.696	XZ
3316	3316	Beam	Angle	0.00	3	3	1	1	-	-	1.696	XZ
3317	3317	Beam	Angle	0.00	3	3	1	1	-	-	1.696	XZ
3318	3318	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3319	3319	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3320	3320	Beam	Angle	0.00	1	1	-	-	-	-	0.214	Z
3321	3321	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
3322	3322	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3323	3323	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3324	3324	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3325	3325	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3326	3326	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3327	3327	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3328	3328	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3329	3329	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3330	4451	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
3331	3335	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3332	3336	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3333	3331	Beam	Angle	0.00	1	1	-	-	-	-	0.530	Z
3334	3332	Beam	Angle	0.00	1	1	-	-	-	-	0.376	Z
3335	3334	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3336	3333	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3337	3337	Beam	Angle	0.00	4	4	1	-	-	-	0.024	Y
3338	6207	Beam	Angle	270.00	6	6	-	-	22	-	0.500	Z
3339	3339	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3340	3340	Beam	Angle	0.00	1	1	-	-	-	-	0.068	Z
3341	3341	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3342	3342	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3343	3343	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3344	3344	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3345	3345	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3346	3346	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
3347	3347	Beam	Angle	0.00	1	1	-	-	-	-	0.132	Z
3348	3348	Beam	Angle	0.00	1	1	-	-	-	-	0.430	Z
3349	3349	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3350	3350	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3351	3351	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
3352	3352	Beam	Angle	0.00	1	1	-	-	-	-	0.230	Z
3353	3353	Beam	Angle	0.00	1	1	-	-	-	-	0.049	Z
3354	3354	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3355	3355	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3356	3356	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3357	3357	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3358	3359	Beam	Angle	0.00	1	1	-	-	-	-	0.080	Z
3359	3358	Beam	Angle	0.00	1	1	-	-	-	-	0.080	Z
3360	3360	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3361	3361	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3362	3362	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3363	3363	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3364	3364	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3365	3365	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3366	3366	Beam	Angle	0.00	1	1	-	-	-	-	0.214	Z
3367	3367	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
3368	3368	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3369	3369	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3370	3372	Beam	Angle	0.00	8	8	-	-	31	-	0.056	Z
3371	4261	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3372	2746	Beam	Angle	90.00	6	6	-	-	10	-	0.650	Z
3373	4262	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3374	3374	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3375	3375	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3376	6223	Beam	Angle	270.00	6	6	-	-	22	-	0.067	Z
3377	3381	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3378	3382	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3379	3377	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
3380	3378	Beam	Angle	0.00	1	1	-	-	-	-	0.376	Z
3381	3380	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3382	3379	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3383	3383	Beam	Angle	0.00	4	4	1	-	-	-	0.024	Y
3384	8387	Beam	Angle	270.00	6	6	-	-	22	-	0.500	Z
3385	3385	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
3386	3386	Beam	Angle	0.00	1	1	-	-	-	-	0.068	Z
3387	3387	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3388	2748	Beam	Angle	90.00	6	6	-	-	10	-	0.650	Z
3389	4294	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3390	2764	Beam	Angle	90.00	6	6	-	-	10	-	0.650	Z
3391	4295	Beam	Angle	0.00	4	4	1	1	-	-	0.952	Y
3392	3392	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
3393	3393	Beam	Angle	0.00	1	1	-	-	-	-	0.132	Z
3394	3394	Beam	Angle	0.00	1	1	-	-	-	-	0.430	Z
3395	3395	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3396	3396	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3397	3397	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
3398	3398	Beam	Angle	0.00	1	1	-	-	-	-	0.230	Z
3399	3399	Beam	Angle	0.00	1	1	-	-	-	-	0.049	Z
3400	3400	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3401	3401	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3402	3402	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3403	3403	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3404	3405	Beam	Angle	0.00	1	1	-	-	-	-	0.080	Z
3405	3404	Beam	Angle	0.00	1	1	-	-	-	-	0.080	Z
3406	3406	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3407	3407	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3408	3408	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3409	3409	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3410	3410	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3411	3411	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3412	3412	Beam	Angle	0.00	1	1	-	-	-	-	0.214	Z
3413	3413	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
3414	3414	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3415	3415	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3416	3416	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3417	3417	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3418	8388	Beam	Angle	270.00	6	6	-	-	22	-	0.500	Z
3419	3423	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3420	3424	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3421	3419	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
3422	3420	Beam	Angle	0.00	1	1	-	-	-	-	0.376	Z
3423	3422	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3424	3421	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3425	3425	Beam	Angle	0.00	4	4	1	-	-	-	0.024	Y
3426	8389	Beam	Angle	270.00	6	6	-	-	22	-	0.150	Z
3427	3427	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3428	3428	Beam	Angle	0.00	1	1	-	-	-	-	0.068	Z
3429	3429	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3430	3430	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
3431	3431	Beam	Angle	0.00	1	1	-	-	-	-	0.132	Z
3432	3432	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
3433	3433	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3434	3434	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3435	3435	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
3436	3436	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
3437	3437	Beam	Angle	0.00	1	1	-	-	-	-	0.049	Z
3438	3438	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3439	3439	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3440	3440	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3441	3441	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3442	3443	Beam	Angle	0.00	1	1	-	-	-	-	0.271	Z
3443	3442	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
3444	3444	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3445	3445	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3446	3446	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3447	3447	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3448	3448	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3449	3449	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3450	3450	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3451	3451	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3452	3452	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3453	3453	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3454	3454	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3455	3455	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3456	3456	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3457	3457	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3458	3458	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3459	3459	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3460	3460	Beam	Angle	0.00	1	1	-	-	-	-	0.214	Z
3461	3461	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
3462	3462	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3463	3463	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3464	3464	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3465	3465	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3466	6206	Beam	Angle	270.00	6	6	-	-	22	-	0.350	Z
3467	3472	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3468	3471	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3469	3468	Beam	Angle	0.00	1	1	-	-	-	-	0.530	Z
3470	3467	Beam	Angle	0.00	1	1	-	-	-	-	0.376	Z
3471	3469	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3472	3470	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3473	3473	Beam	Angle	0.00	4	4	1	-	-	-	0.024	Y
3474	8124	Beam	Angle	270.00	6	6	-	-	22	-	0.060	Z
3475	3475	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3476	3476	Beam	Angle	0.00	1	1	-	-	-	-	0.068	Z
3477	3477	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3478	3483	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
3479	3484	Beam	Angle	0.00	1	1	-	-	-	-	0.132	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
3480	3485	Beam	Angle	0.00	1	1	-	-	-	-	0.430	Z
3481	3486	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3482	3487	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3483	3478	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
3484	3479	Beam	Angle	0.00	1	1	-	-	-	-	0.230	Z
3485	3480	Beam	Angle	0.00	1	1	-	-	-	-	0.049	Z
3486	3481	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3487	3482	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3488	3488	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3489	3489	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3490	3490	Beam	Angle	0.00	1	1	-	-	-	-	0.080	Z
3491	3491	Beam	Angle	0.00	1	1	-	-	-	-	0.080	Z
3492	3493	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3493	3492	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3494	2766	Beam	Angle	90.00	6	6	-	-	10	-	0.650	Z
3495	4296	Beam	Angle	0.00	4	4	1	1	-	-	0.952	Y
3496	2870	Beam	Angle	90.00	6	6	-	-	10	-	0.650	Z
3497	4297	Beam	Angle	0.00	4	4	1	1	-	-	0.952	Y
3498	2872	Beam	Angle	90.00	6	6	-	-	10	-	0.650	Z
3499	4418	Beam	Angle	0.00	4	4	1	1	-	-	0.952	Y
3500	2874	Beam	Angle	90.00	6	6	-	-	10	-	0.650	Z
3501	4881	Beam	Angle	0.00	4	4	1	1	-	-	0.952	Y
3502	3502	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3503	3503	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3504	3504	Beam	Angle	0.00	1	1	-	-	-	-	0.214	Z
3505	3505	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
3506	3506	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3507	3507	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3508	3508	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3509	3509	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3510	3510	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3511	3511	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3512	3512	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3513	3513	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3514	8140	Beam	Angle	270.00	6	6	-	-	22	-	0.500	Z
3515	3519	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3516	3520	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3517	3515	Beam	Angle	0.00	1	1	-	-	-	-	0.530	Z
3518	3516	Beam	Angle	0.00	1	1	-	-	-	-	0.376	Z
3519	3518	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3520	3517	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3521	3521	Beam	Angle	0.00	4	4	1	-	-	-	0.024	Y
3522	8141	Beam	Angle	270.00	6	6	-	-	22	-	0.067	Z
3523	3523	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3524	3524	Beam	Angle	0.00	1	1	-	-	-	-	0.068	Z
3525	3525	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3526	3526	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3527	3527	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3528	3528	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3529	3529	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3530	3530	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
3531	3531	Beam	Angle	0.00	1	1	-	-	-	-	0.132	Z
3532	3532	Beam	Angle	0.00	1	1	-	-	-	-	0.430	Z
3533	3533	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3534	3534	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3535	3535	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
3536	3536	Beam	Angle	0.00	1	1	-	-	-	-	0.230	Z
3537	3537	Beam	Angle	0.00	1	1	-	-	-	-	0.049	Z
3538	3538	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3539	3539	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3540	3540	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3541	3541	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3542	3543	Beam	Angle	0.00	1	1	-	-	-	-	0.080	Z
3543	3542	Beam	Angle	0.00	1	1	-	-	-	-	0.080	Z
3544	3544	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3545	3545	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3546	3546	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3547	3547	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3548	7828	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3549	7831	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3550	3550	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3551	3551	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3552	3552	Beam	Angle	0.00	1	1	-	-	-	-	0.214	Z
3553	3553	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
3554	3554	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3555	3555	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3556	3556	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3557	3557	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3558	6231	Beam	Angle	270.00	6	6	-	-	22	-	0.500	Z
3559	3564	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3560	3563	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3561	3560	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
3562	3559	Beam	Angle	0.00	1	1	-	-	-	-	0.376	Z
3563	3561	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3564	3562	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3565	3565	Beam	Angle	0.00	4	4	1	-	-	-	0.024	Y
3566	8098	Beam	Angle	270.00	6	6	-	-	22	-	0.500	Z
3567	3567	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3568	3568	Beam	Angle	0.00	1	1	-	-	-	-	0.068	Z
3569	3569	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3570	3575	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
3571	3576	Beam	Angle	0.00	1	1	-	-	-	-	0.132	Z
3572	3577	Beam	Angle	0.00	1	1	-	-	-	-	0.800	Z
3573	3578	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
3574	3579	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3575	3570	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
3576	3571	Beam	Angle	0.00	1	1	-	-	-	-	0.600	Z
3577	3572	Beam	Angle	0.00	1	1	-	-	-	-	0.049	Z
3578	3573	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3579	3574	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3580	3580	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3581	3581	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3582	3582	Beam	Angle	0.00	1	1	-	-	-	-	0.271	Z
3583	3583	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
3584	3585	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3585	3584	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3586	3586	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3587	3587	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3588	3588	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3589	3589	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3590	3590	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3591	3591	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3592	3592	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3593	3593	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3594	3594	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3595	3595	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3596	3596	Beam	Angle	0.00	1	1	-	-	-	-	0.214	Z
3597	3597	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
3598	3598	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3599	3599	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3600	3600	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3601	3601	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3602	8104	Beam	Angle	270.00	6	6	-	-	22	-	0.150	Z
3603	3607	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3604	3608	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3605	3603	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
3606	3604	Beam	Angle	0.00	1	1	-	-	-	-	0.376	Z
3607	3606	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3608	3605	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3609	3609	Beam	Angle	0.00	4	4	1	-	-	-	0.024	Y
3610	6224	Beam	Angle	270.00	6	6	-	-	22	-	0.350	Z
3611	3611	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3612	3612	Beam	Angle	0.00	1	1	-	-	-	-	0.068	Z
3613	3613	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3614	3614	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
3615	3615	Beam	Angle	0.00	1	1	-	-	-	-	0.132	Z
3616	3616	Beam	Angle	0.00	1	1	-	-	-	-	0.800	Z
3617	3617	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3618	3618	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3619	3619	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
3620	3620	Beam	Angle	0.00	1	1	-	-	-	-	0.600	Z
3621	3621	Beam	Angle	0.00	1	1	-	-	-	-	0.049	Z
3622	3622	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3623	3623	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3624	3624	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3625	3625	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3626	3627	Beam	Angle	0.00	1	1	-	-	-	-	0.271	Z
3627	3626	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
3628	3628	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3629	3629	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3630	3630	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3631	3631	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3632	3632	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3633	3633	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3634	3634	Beam	Angle	0.00	1	1	-	-	-	-	0.214	Z
3635	3635	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
3636	3636	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3637	3637	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3638	3638	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3639	3639	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3640	8123	Beam	Angle	270.00	6	6	-	-	22	-	0.060	Z
3641	3645	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3642	3646	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3643	3641	Beam	Angle	0.00	1	1	-	-	-	-	0.530	Z
3644	3642	Beam	Angle	0.00	1	1	-	-	-	-	0.376	Z
3645	3644	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3646	3643	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3647	3647	Beam	Angle	0.00	4	4	1	-	-	-	0.024	Y
3648	8413	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3649	3649	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3650	3650	Beam	Angle	0.00	1	1	-	-	-	-	0.068	Z
3651	3651	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3652	3652	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
3653	3653	Beam	Angle	0.00	1	1	-	-	-	-	0.132	Z
3654	3654	Beam	Angle	0.00	1	1	-	-	-	-	0.430	Z
3655	3655	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3656	3656	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3657	3657	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
3658	3658	Beam	Angle	0.00	1	1	-	-	-	-	0.230	Z
3659	3659	Beam	Angle	0.00	1	1	-	-	-	-	0.049	Z
3660	3660	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3661	3661	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3662	3662	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3663	3663	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3664	3665	Beam	Angle	0.00	1	1	-	-	-	-	0.080	Z
3665	3664	Beam	Angle	0.00	1	1	-	-	-	-	0.080	Z
3666	3666	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3667	3667	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
3668	3668	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3669	3669	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3670	3670	Beam	Angle	0.00	8	8	-	-	6	-	0.155	Z
3671	6583	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
3672	3672	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3673	3673	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3674	3674	Beam	Angle	0.00	1	1	-	-	-	-	0.214	Z
3675	3675	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
3676	3676	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3677	3677	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3678	3678	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3679	3679	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3680	8412	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3681	3686	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3682	3685	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3683	3682	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
3684	3681	Beam	Angle	0.00	1	1	-	-	-	-	0.376	Z
3685	3683	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3686	3684	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3687	3687	Beam	Angle	0.00	4	4	1	-	-	-	0.024	Y
3688	8415	Beam	Angle	0.00	1	1	-	-	-	-	0.550	Z
3689	3689	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3690	3690	Beam	Angle	0.00	1	1	-	-	-	-	0.068	Z
3691	3691	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3692	3697	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
3693	3698	Beam	Angle	0.00	1	1	-	-	-	-	0.132	Z
3694	3699	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3695	3700	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3696	3701	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3697	3692	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
3698	3693	Beam	Angle	0.00	1	1	-	-	-	-	0.600	Z
3699	3694	Beam	Angle	0.00	1	1	-	-	-	-	0.049	Z
3700	3695	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3701	3696	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3702	3702	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3703	3703	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3704	3704	Beam	Angle	0.00	1	1	-	-	-	-	0.271	Z
3705	3705	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
3706	3707	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3707	3706	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
3708	3708	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3709	3709	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3710	3710	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3711	3711	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3712	3712	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3713	3713	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3714	3714	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3715	3715	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3716	3719	Beam	Angle	0.00	1	1	-	-	-	-	0.170	Z
3717	3716	Beam	Angle	0.00	1	1	-	-	-	-	0.170	Z
3718	3717	Beam	Angle	0.00	1	1	-	-	-	-	0.120	Z
3719	3718	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
3720	3720	Beam	Angle	0.00	1	1	-	-	-	-	0.220	Z
3721	3721	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3722	3725	Beam	Angle	0.00	1	1	-	-	-	-	0.120	Z
3723	3726	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
3724	3723	Beam	Angle	0.00	1	1	-	-	-	-	0.220	Z
3725	3724	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3726	3727	Beam	Angle	0.00	1	1	-	-	-	-	0.191	Z
3727	3722	Beam	Angle	0.00	1	1	-	-	-	-	0.270	Z
3728	3740	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
3729	3741	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
3730	3742	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
3731	3743	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
3732	3737	Beam	Angle	0.00	1	1	-	-	-	-	0.170	Z
3733	3736	Beam	Angle	0.00	1	1	-	-	-	-	0.170	Z
3734	3732	Beam	Angle	0.00	1	1	-	-	-	-	0.120	Z
3735	3733	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
3736	3734	Beam	Angle	0.00	1	1	-	-	-	-	0.220	Z
3737	3735	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3738	3738	Beam	Angle	0.00	1	1	-	-	-	-	0.120	Z
3739	3739	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
3740	3730	Beam	Angle	0.00	1	1	-	-	-	-	0.220	Z
3741	3731	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3742	3728	Beam	Angle	0.00	1	1	-	-	-	-	0.191	Z
3743	3729	Beam	Angle	0.00	1	1	-	-	-	-	0.270	Z
3744	3744	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
3745	3745	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
3746	3746	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
3747	3747	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
3748	3748	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
3749	3749	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3750	3750	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
3751	3751	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3752	3753	Beam	Angle	0.00	1	1	-	-	-	-	0.191	Z
3753	3752	Beam	Angle	0.00	1	1	-	-	-	-	0.270	Z
3754	3755	Beam	Angle	0.00	1	1	-	-	-	-	0.170	Z
3755	3754	Beam	Angle	0.00	1	1	-	-	-	-	0.170	Z
3756	7267	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3757	7268	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3758	7269	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3759	7270	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3760	7271	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3761	7272	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
3762	7274	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3763	7275	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
3764	7286	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3765	7287	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3766	353	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3767	356	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3768	359	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3769	362	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3770	505	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3771	508	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3772	3772	Beam	Angle	0.00	1	1	-	-	-	-	0.120	Z
3773	3773	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
3774	3778	Beam	Angle	0.00	1	1	-	-	-	-	0.220	Z
3775	3779	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3776	3776	Beam	Angle	0.00	1	1	-	-	-	-	0.120	Z
3777	3777	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
3778	3774	Beam	Angle	0.00	1	1	-	-	-	-	0.220	Z
3779	3775	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3780	3781	Beam	Angle	0.00	1	1	-	-	-	-	0.170	Z
3781	3780	Beam	Angle	0.00	1	1	-	-	-	-	0.170	Z
3782	3782	Beam	Angle	0.00	1	1	-	-	-	-	0.191	Z
3783	3783	Beam	Angle	0.00	1	1	-	-	-	-	0.270	Z
3784	3784	Beam	Angle	0.00	1	1	-	-	-	-	0.170	Z
3785	3785	Beam	Angle	0.00	1	1	-	-	-	-	0.170	Z
3786	3788	Beam	Angle	0.00	1	1	-	-	-	-	0.120	Z
3787	3789	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
3788	3786	Beam	Angle	0.00	1	1	-	-	-	-	0.220	Z
3789	3787	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3790	3792	Beam	Angle	0.00	1	1	-	-	-	-	0.120	Z
3791	3793	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
3792	3790	Beam	Angle	0.00	1	1	-	-	-	-	0.220	Z
3793	3791	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3794	3795	Beam	Angle	0.00	1	1	-	-	-	-	0.191	Z
3795	3794	Beam	Angle	0.00	1	1	-	-	-	-	0.270	Z
3796	3796	Beam	Angle	0.00	1	1	-	-	-	-	0.170	Z
3797	3797	Beam	Angle	0.00	1	1	-	-	-	-	0.170	Z
3798	3799	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
3799	3800	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3800	3802	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
3801	3801	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3802	3803	Beam	Angle	0.00	1	1	-	-	-	-	0.191	Z
3803	3798	Beam	Angle	0.00	1	1	-	-	-	-	0.270	Z
3804	3804	Beam	Angle	0.00	1	1	-	-	-	-	0.120	Z
3805	3805	Beam	Angle	0.00	1	1	-	-	-	-	0.220	Z
3806	3807	Beam	Angle	0.00	1	1	-	-	-	-	0.120	Z
3807	3806	Beam	Angle	0.00	1	1	-	-	-	-	0.220	Z
3808	3808	Beam	Angle	0.00	1	1	-	-	-	-	0.120	Z
3809	3809	Beam	Angle	0.00	1	1	-	-	-	-	0.220	Z
3810	3810	Beam	Angle	0.00	1	1	-	-	-	-	0.120	Z
3811	3811	Beam	Angle	0.00	1	1	-	-	-	-	0.220	Z
3812	3812	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3813	3813	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3814	3814	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3815	3815	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3816	3816	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3817	3817	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3818	3818	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3819	3819	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3820	3820	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3821	3821	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3822	3822	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3823	3823	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3824	3824	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3825	3825	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3826	3826	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3827	3827	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3828	3828	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3829	3829	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3830	3830	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3831	3831	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3832	3832	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3833	3833	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3834	3834	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3835	3835	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3836	3836	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3837	3837	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3838	3838	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3839	3839	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3840	3840	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3841	3841	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3842	3854	Beam	Angle	0.00	8	8	-	-	6	-	0.155	Z
3843	7832	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3844	3844	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3845	3845	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3846	3846	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3847	3847	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3848	3848	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3849	3849	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3850	3850	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3851	3851	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3852	3852	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3853	3853	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
3854	7845	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3855	9264	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
3856	3861	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
3857	3862	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3858	3860	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
3859	3863	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3860	3871	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3861	3868	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3862	3869	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3863	3870	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3864	3859	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
3865	3858	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3866	3856	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
3867	3857	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3868	3866	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
3869	3867	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3870	3865	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
3871	3864	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3872	3872	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
3873	3873	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
3874	3875	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
3875	3874	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
3876	3892	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
3877	3894	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3878	3893	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
3879	3895	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3880	3882	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
3881	3883	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3882	3881	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
3883	3880	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3884	3879	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3885	3878	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3886	3876	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3887	3877	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3888	3890	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
3889	3891	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3890	3889	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
3891	3888	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3892	3885	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
3893	3887	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3894	3886	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
3895	3884	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3896	5441	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3897	5442	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3898	3906	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
3899	3908	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3900	3907	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
3901	3909	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3902	5449	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3903	5450	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
3904	3901	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
3905	3903	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3906	3902	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
3907	3900	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3908	3896	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3909	3897	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3910	3898	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3911	3899	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3912	3912	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
3913	3913	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3914	3914	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
3915	3915	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3916	3916	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3917	3919	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3918	3917	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3919	3918	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3920	3926	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
3921	3925	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3922	3924	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
3923	3927	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3924	3923	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3925	3920	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3926	3921	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3927	3922	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3928	3936	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
3929	3937	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3930	3938	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
3931	3939	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3932	3933	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3933	3934	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3934	3935	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3935	3932	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
3936	3930	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
3937	3931	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3938	3928	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
3939	3929	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3940	3942	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
3941	3940	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3942	3943	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
3943	3941	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
3944	4175	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
3945	4176	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
3946	4177	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
3947	4178	Beam	Angle	0.00	7	7	-	-	16	-	1.125	X
3948	4179	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
3949	4180	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
3950	4181	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
3951	4182	Beam	Angle	0.00	7	7	-	-	16	-	1.125	X
3952	6815	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
3953	6816	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
3954	6817	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
3955	6818	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
3956	6787	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
3957	6810	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
3958	6845	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
3959	6846	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
3960	6841	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
3961	6844	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
3962	6813	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
3963	6814	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
3964	6847	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
3965	7495	Beam	Angle	0.00	13	13	1	1	-	-	0.651	XZ
3966	3966	Beam	Angle	0.00	4	4	1	-	-	-	0.842	X
3967	3967	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
3968	3968	Beam	Angle	90.00	1	1	-	-	-	-	0.159	Z
3969	3969	Beam	Angle	90.00	1	1	-	-	-	-	0.350	Z
3970	3975	Beam	Angle	90.00	1	1	-	-	-	-	0.300	Z
3971	3976	Beam	Angle	90.00	1	1	-	-	-	-	0.350	Z
3972	3977	Beam	Angle	90.00	1	1	-	-	-	-	0.650	Z
3973	3978	Beam	Angle	90.00	1	1	-	-	-	-	0.100	Z
3974	3979	Beam	Angle	90.00	1	1	-	-	-	-	0.150	Z
3975	3970	Beam	Angle	90.00	1	1	-	-	-	-	0.300	Z
3976	3971	Beam	Angle	90.00	1	1	-	-	-	-	0.129	Z
3977	3972	Beam	Angle	90.00	1	1	-	-	-	-	0.402	Z
3978	3973	Beam	Angle	90.00	1	1	-	-	-	-	0.100	Z
3979	3974	Beam	Angle	90.00	1	1	-	-	-	-	0.150	Z
3980	3980	Beam	Angle	90.00	2	2	-	-	-	-	0.250	Z
3981	3981	Beam	Angle	90.00	2	2	-	-	-	-	0.250	Z
3982	3982	Beam	Angle	90.00	1	1	-	-	-	-	0.250	Z
3983	3984	Beam	Angle	90.00	1	1	-	-	-	-	0.150	Z
3984	3983	Beam	Angle	90.00	1	1	-	-	-	-	0.250	Z
3985	3985	Beam	Angle	90.00	1	1	-	-	-	-	0.150	Z
3986	3986	Beam	Angle	90.00	2	2	-	-	-	-	0.208	Z
3987	3987	Beam	Angle	90.00	2	2	-	-	-	-	0.230	Z
3988	9046	Beam	Angle	0.00	13	13	1	1	-	-	0.651	XZ
3989	9047	Beam	Angle	0.00	13	13	1	1	-	-	0.651	XZ
3990	3990	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
3991	3991	Beam	Angle	90.00	1	1	-	-	-	-	0.159	Z
3992	3992	Beam	Angle	90.00	1	1	-	-	-	-	0.350	Z
3993	3998	Beam	Angle	90.00	1	1	-	-	-	-	0.300	Z
3994	3999	Beam	Angle	90.00	1	1	-	-	-	-	0.350	Z
3995	4000	Beam	Angle	90.00	1	1	-	-	-	-	0.650	Z
3996	4001	Beam	Angle	90.00	1	1	-	-	-	-	0.100	Z
3997	4002	Beam	Angle	90.00	1	1	-	-	-	-	0.150	Z
3998	3993	Beam	Angle	90.00	1	1	-	-	-	-	0.300	Z
3999	3994	Beam	Angle	90.00	1	1	-	-	-	-	0.129	Z
4000	3995	Beam	Angle	90.00	1	1	-	-	-	-	0.402	Z
4001	3996	Beam	Angle	90.00	1	1	-	-	-	-	0.100	Z
4002	3997	Beam	Angle	90.00	1	1	-	-	-	-	0.150	Z
4003	4003	Beam	Angle	90.00	2	2	-	-	-	-	0.250	Z
4004	4004	Beam	Angle	90.00	2	2	-	-	-	-	0.250	Z
4005	4005	Beam	Angle	90.00	1	1	-	-	-	-	0.250	Z
4006	4007	Beam	Angle	90.00	1	1	-	-	-	-	0.150	Z
4007	4006	Beam	Angle	90.00	1	1	-	-	-	-	0.250	Z
4008	4008	Beam	Angle	90.00	1	1	-	-	-	-	0.150	Z
4009	4009	Beam	Angle	90.00	2	2	-	-	-	-	0.208	Z
4010	4010	Beam	Angle	90.00	2	2	-	-	-	-	0.230	Z
4011	9048	Beam	Angle	90.00	2	2	-	-	-	-	0.022	Z
4012	9199	Beam	Angle	0.00	13	13	1	1	-	-	0.651	XZ
4013	4013	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
4014	4014	Beam	Angle	90.00	1	1	-	-	-	-	0.159	Z
4015	4015	Beam	Angle	90.00	1	1	-	-	-	-	0.350	Z
4016	4021	Beam	Angle	90.00	1	1	-	-	-	-	0.300	Z
4017	4022	Beam	Angle	90.00	1	1	-	-	-	-	0.350	Z
4018	4023	Beam	Angle	90.00	1	1	-	-	-	-	0.650	Z
4019	4024	Beam	Angle	90.00	1	1	-	-	-	-	0.100	Z
4020	4025	Beam	Angle	90.00	1	1	-	-	-	-	0.150	Z
4021	4016	Beam	Angle	90.00	1	1	-	-	-	-	0.300	Z
4022	4017	Beam	Angle	90.00	1	1	-	-	-	-	0.129	YZ
4023	4018	Beam	Angle	90.00	1	1	-	-	-	-	0.402	Z
4024	4019	Beam	Angle	90.00	1	1	-	-	-	-	0.100	Z
4025	4020	Beam	Angle	90.00	1	1	-	-	-	-	0.150	Z
4026	4026	Beam	Angle	90.00	2	2	-	-	-	-	0.250	Z
4027	4027	Beam	Angle	90.00	2	2	-	-	-	-	0.250	Z
4028	4028	Beam	Angle	90.00	1	1	-	-	-	-	0.250	Z
4029	4030	Beam	Angle	90.00	1	1	-	-	-	-	0.150	Z
4030	4029	Beam	Angle	90.00	1	1	-	-	-	-	0.250	Z
4031	4031	Beam	Angle	90.00	1	1	-	-	-	-	0.150	Z
4032	4032	Beam	Angle	90.00	2	2	-	-	-	-	0.208	Z
4033	4033	Beam	Angle	90.00	2	2	-	-	-	-	0.230	Z
4034	4034	Beam	Angle	0.00	4	4	1	-	-	-	0.147	X
4035	4035	Beam	Angle	0.00	4	4	1	-	-	-	0.842	X
4036	4036	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
4037	4037	Beam	Angle	90.00	1	1	-	-	-	-	0.159	Z
4038	4038	Beam	Angle	90.00	1	1	-	-	-	-	0.350	Z
4039	4044	Beam	Angle	90.00	1	1	-	-	-	-	0.300	Z
4040	4045	Beam	Angle	90.00	1	1	-	-	-	-	0.350	Z
4041	4046	Beam	Angle	90.00	1	1	-	-	-	-	0.650	Z
4042	4047	Beam	Angle	90.00	1	1	-	-	-	-	0.100	Z
4043	4048	Beam	Angle	90.00	1	1	-	-	-	-	0.150	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
4044	4039	Beam	Angle	90.00	1	1	-	-	-	-	0.300	Z
4045	4040	Beam	Angle	90.00	1	1	-	-	-	-	0.129	Z
4046	4041	Beam	Angle	90.00	1	1	-	-	-	-	0.402	Z
4047	4042	Beam	Angle	90.00	1	1	-	-	-	-	0.100	Z
4048	4043	Beam	Angle	90.00	1	1	-	-	-	-	0.150	Z
4049	4049	Beam	Angle	90.00	2	2	-	-	-	-	0.250	Z
4050	4050	Beam	Angle	90.00	2	2	-	-	-	-	0.250	Z
4051	4051	Beam	Angle	90.00	1	1	-	-	-	-	0.250	Z
4052	4053	Beam	Angle	90.00	1	1	-	-	-	-	0.150	Z
4053	4052	Beam	Angle	90.00	1	1	-	-	-	-	0.250	Z
4054	4054	Beam	Angle	90.00	1	1	-	-	-	-	0.150	Z
4055	4055	Beam	Angle	90.00	2	2	-	-	-	-	0.208	Z
4056	4056	Beam	Angle	90.00	2	2	-	-	-	-	0.230	Z
4057	3944	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
4058	3945	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
4059	3946	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
4060	3947	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
4061	3948	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
4062	3949	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
4063	3950	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
4064	3951	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
4065	3952	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
4066	3953	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
4067	3954	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
4068	3955	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
4069	4060	Beam	Angle	0.00	4	4	1	-	-	-	0.147	X
4070	4061	Beam	Angle	0.00	4	4	1	-	-	-	0.842	X
4071	4062	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
4072	4063	Beam	Angle	90.00	1	1	-	-	-	-	0.159	Z
4073	4064	Beam	Angle	90.00	1	1	-	-	-	-	0.350	Z
4074	4070	Beam	Angle	90.00	1	1	-	-	-	-	0.300	Z
4075	4071	Beam	Angle	90.00	1	1	-	-	-	-	0.350	Z
4076	4072	Beam	Angle	90.00	1	1	-	-	-	-	0.650	Z
4077	4073	Beam	Angle	90.00	1	1	-	-	-	-	0.100	Z
4078	4074	Beam	Angle	90.00	1	1	-	-	-	-	0.150	Z
4079	4065	Beam	Angle	90.00	1	1	-	-	-	-	0.300	Z
4080	4066	Beam	Angle	90.00	1	1	-	-	-	-	0.129	Z
4081	4067	Beam	Angle	90.00	1	1	-	-	-	-	0.402	Z
4082	4068	Beam	Angle	90.00	1	1	-	-	-	-	0.100	Z
4083	4069	Beam	Angle	90.00	1	1	-	-	-	-	0.150	Z
4084	4075	Beam	Angle	90.00	2	2	-	-	-	-	0.250	Z
4085	4076	Beam	Angle	90.00	2	2	-	-	-	-	0.250	Z
4086	4077	Beam	Angle	90.00	1	1	-	-	-	-	0.250	Z
4087	4079	Beam	Angle	90.00	1	1	-	-	-	-	0.150	Z
4088	4078	Beam	Angle	90.00	1	1	-	-	-	-	0.250	Z
4089	4080	Beam	Angle	90.00	1	1	-	-	-	-	0.150	Z
4090	4081	Beam	Angle	90.00	2	2	-	-	-	-	0.208	Z
4091	4082	Beam	Angle	90.00	2	2	-	-	-	-	0.230	Z
4092	4083	Beam	Angle	0.00	4	4	1	-	-	-	0.147	X
4093	4084	Beam	Angle	0.00	4	4	1	-	-	-	0.842	X
4094	4085	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
4095	4086	Beam	Angle	90.00	1	1	-	-	-	-	0.159	Z
4096	4087	Beam	Angle	90.00	1	1	-	-	-	-	0.350	Z
4097	4093	Beam	Angle	90.00	1	1	-	-	-	-	0.300	Z
4098	4094	Beam	Angle	90.00	1	1	-	-	-	-	0.350	Z
4099	4095	Beam	Angle	90.00	1	1	-	-	-	-	0.650	Z
4100	4096	Beam	Angle	90.00	1	1	-	-	-	-	0.100	Z
4101	4097	Beam	Angle	90.00	1	1	-	-	-	-	0.150	Z
4102	4088	Beam	Angle	90.00	1	1	-	-	-	-	0.300	Z
4103	4089	Beam	Angle	90.00	1	1	-	-	-	-	0.129	Z
4104	4090	Beam	Angle	90.00	1	1	-	-	-	-	0.402	Z
4105	4091	Beam	Angle	90.00	1	1	-	-	-	-	0.100	Z
4106	4092	Beam	Angle	90.00	1	1	-	-	-	-	0.150	Z
4107	4098	Beam	Angle	90.00	2	2	-	-	-	-	0.250	Z
4108	4099	Beam	Angle	90.00	2	2	-	-	-	-	0.250	Z
4109	4100	Beam	Angle	90.00	1	1	-	-	-	-	0.250	Z
4110	4102	Beam	Angle	90.00	1	1	-	-	-	-	0.150	Z
4111	4101	Beam	Angle	90.00	1	1	-	-	-	-	0.250	Z
4112	4103	Beam	Angle	90.00	1	1	-	-	-	-	0.150	Z
4113	4104	Beam	Angle	90.00	2	2	-	-	-	-	0.208	Z
4114	4105	Beam	Angle	90.00	2	2	-	-	-	-	0.230	Z
4115	4106	Beam	Angle	0.00	4	4	1	-	-	-	0.147	X
4116	4107	Beam	Angle	0.00	4	4	1	-	-	-	0.842	X
4117	4108	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
4118	4109	Beam	Angle	90.00	1	1	-	-	-	-	0.159	Z
4119	4110	Beam	Angle	90.00	1	1	-	-	-	-	0.350	Z
4120	4116	Beam	Angle	90.00	1	1	-	-	-	-	0.300	Z
4121	4117	Beam	Angle	90.00	1	1	-	-	-	-	0.350	Z
4122	4118	Beam	Angle	90.00	1	1	-	-	-	-	0.650	Z
4123	4119	Beam	Angle	90.00	1	1	-	-	-	-	0.100	Z
4124	4120	Beam	Angle	90.00	1	1	-	-	-	-	0.150	Z
4125	4111	Beam	Angle	90.00	1	1	-	-	-	-	0.300	Z
4126	4112	Beam	Angle	90.00	1	1	-	-	-	-	0.129	Z
4127	4113	Beam	Angle	90.00	1	1	-	-	-	-	0.402	Z
4128	4114	Beam	Angle	90.00	1	1	-	-	-	-	0.100	Z
4129	4115	Beam	Angle	90.00	1	1	-	-	-	-	0.150	Z
4130	4121	Beam	Angle	90.00	2	2	-	-	-	-	0.250	Z
4131	4122	Beam	Angle	90.00	2	2	-	-	-	-	0.250	Z
4132	4123	Beam	Angle	90.00	1	1	-	-	-	-	0.250	Z
4133	4125	Beam	Angle	90.00	1	1	-	-	-	-	0.150	Z
4134	4124	Beam	Angle	90.00	1	1	-	-	-	-	0.250	Z
4135	4126	Beam	Angle	90.00	1	1	-	-	-	-	0.150	Z
4136	4127	Beam	Angle	90.00	2	2	-	-	-	-	0.208	Z
4137	4128	Beam	Angle	90.00	2	2	-	-	-	-	0.230	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
4138	4129	Beam	Angle	0.00	4	4	1	-	-	-	0.147	X
4139	4130	Beam	Angle	0.00	4	4	1	-	-	-	0.842	X
4140	4131	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
4141	4132	Beam	Angle	90.00	1	1	-	-	-	-	0.159	Z
4142	4133	Beam	Angle	90.00	1	1	-	-	-	-	0.350	Z
4143	4139	Beam	Angle	90.00	1	1	-	-	-	-	0.300	Z
4144	4140	Beam	Angle	90.00	1	1	-	-	-	-	0.350	Z
4145	4141	Beam	Angle	90.00	1	1	-	-	-	-	0.650	Z
4146	4142	Beam	Angle	90.00	1	1	-	-	-	-	0.100	Z
4147	4143	Beam	Angle	90.00	1	1	-	-	-	-	0.150	Z
4148	4134	Beam	Angle	90.00	1	1	-	-	-	-	0.300	Z
4149	4135	Beam	Angle	90.00	1	1	-	-	-	-	0.129	Z
4150	4136	Beam	Angle	90.00	1	1	-	-	-	-	0.402	Z
4151	4137	Beam	Angle	90.00	1	1	-	-	-	-	0.100	Z
4152	4138	Beam	Angle	90.00	1	1	-	-	-	-	0.150	Z
4153	4144	Beam	Angle	90.00	2	2	-	-	-	-	0.250	Z
4154	4145	Beam	Angle	90.00	2	2	-	-	-	-	0.250	Z
4155	4146	Beam	Angle	90.00	1	1	-	-	-	-	0.250	Z
4156	4148	Beam	Angle	90.00	1	1	-	-	-	-	0.150	Z
4157	4147	Beam	Angle	90.00	1	1	-	-	-	-	0.250	Z
4158	4149	Beam	Angle	90.00	1	1	-	-	-	-	0.150	Z
4159	4150	Beam	Angle	90.00	2	2	-	-	-	-	0.208	Z
4160	4151	Beam	Angle	90.00	2	2	-	-	-	-	0.230	Z
4161	3956	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
4162	3957	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
4163	3958	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
4164	3959	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
4165	3960	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
4166	3961	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
4167	3962	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
4168	3963	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
4169	3964	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
4170	4057	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
4171	4058	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
4172	4059	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
4173	4152	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4174	4153	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4175	4154	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4176	4155	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4177	4156	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4178	4157	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4179	4158	Beam	Angle	0.00	6	6	-	-	2	-	0.031	Y
4180	4159	Beam	Angle	0.00	6	6	-	-	2	-	0.031	Y
4181	4160	Beam	Angle	0.00	6	6	-	-	2	-	0.031	Y
4182	4161	Beam	Angle	0.00	6	6	-	-	2	-	0.031	Y
4183	4162	Beam	Angle	0.00	6	6	-	-	2	-	0.031	Y
4184	4890	Beam	Angle	0.00	4	4	1	1	-	-	0.952	Y
4185	4164	Beam	Angle	0.00	6	6	-	-	2	-	0.031	Y
4186	4165	Beam	Angle	0.00	6	6	-	-	2	-	0.031	Y
4187	4166	Beam	Angle	0.00	6	6	-	-	2	-	0.031	Y
4188	4167	Beam	Angle	0.00	6	6	-	-	2	-	0.031	Y
4189	4168	Beam	Angle	0.00	6	6	-	-	2	-	0.031	Y
4190	4169	Beam	Angle	0.00	7	7	-	-	3	-	1.152	Y
4191	4170	Beam	Angle	0.00	7	7	-	-	3	-	1.152	Y
4192	4171	Beam	Angle	0.00	7	7	-	-	4	-	1.152	Y
4193	4172	Beam	Angle	0.00	7	7	-	-	4	-	1.152	Y
4194	4173	Beam	Angle	0.00	7	7	-	-	16	-	0.629	X
4195	4174	Beam	Angle	0.00	7	7	-	-	16	-	0.629	X
4196	6848	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
4197	6875	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
4198	6876	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
4199	6849	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
4200	6872	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
4201	6903	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
4202	6906	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
4203	4901	Beam	Angle	0.00	4	4	1	1	-	-	0.952	Y
4204	4902	Beam	Angle	0.00	4	4	1	1	-	-	0.952	Y
4205	5218	Beam	Angle	0.00	4	4	1	1	-	-	0.952	Y
4206	5219	Beam	Angle	0.00	4	4	1	1	-	-	0.952	Y
4207	5220	Beam	Angle	0.00	4	4	1	1	-	-	0.952	Y
4208	5221	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4209	4209	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4210	4210	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4211	4211	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4212	4212	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4213	4213	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4214	4214	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4215	4215	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4216	4216	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4217	4217	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4218	4218	Beam	Angle	0.00	7	7	-	-	16	-	0.629	X
4219	4219	Beam	Angle	0.00	7	7	-	-	16	-	0.629	X
4220	4227	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
4221	4228	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
4222	4229	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
4223	4230	Beam	Angle	0.00	7	7	-	-	16	-	1.125	X
4224	4231	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
4225	4232	Beam	Angle	0.00	7	7	-	-	16	-	1.200	X
4226	4233	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
4227	4220	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
4228	4221	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
4229	4222	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
4230	4223	Beam	Angle	0.00	7	7	-	-	16	-	1.125	X
4231	4224	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
4232	4225	Beam	Angle	0.00	7	7	-	-	16	-	1.200	X
4233	4226	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
4234	5222	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4235	5223	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4236	4236	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4237	4237	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4238	4238	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4239	4239	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4240	4240	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4241	4241	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4242	4242	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4243	4243	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4244	4244	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4245	4245	Beam	Angle	0.00	7	7	-	-	16	-	0.629	X
4246	4246	Beam	Angle	0.00	7	7	-	-	16	-	0.629	X
4247	4254	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
4248	4255	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
4249	4256	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
4250	4257	Beam	Angle	0.00	7	7	-	-	16	-	1.125	X
4251	4258	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
4252	4259	Beam	Angle	0.00	7	7	-	-	16	-	1.200	X
4253	4260	Beam	Angle	0.00	7	7	-	-	16	-	0.960	X
4254	4247	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
4255	4248	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
4256	4249	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
4257	4250	Beam	Angle	0.00	7	7	-	-	16	-	1.125	X
4258	4251	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
4259	4252	Beam	Angle	0.00	7	7	-	-	16	-	1.200	X
4260	4253	Beam	Angle	0.00	7	7	-	-	16	-	0.960	X
4261	5224	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4262	5225	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4263	4263	Beam	Angle	0.00	6	6	-	-	2	-	0.104	Y
4264	4264	Beam	Angle	0.00	6	6	-	-	2	-	0.104	Y
4265	4265	Beam	Angle	0.00	6	6	-	-	2	-	0.104	Y
4266	4266	Beam	Angle	0.00	6	6	-	-	2	-	0.104	Y
4267	4267	Beam	Angle	0.00	6	6	-	-	2	-	0.104	Y
4268	4268	Beam	Angle	0.00	6	6	-	-	2	-	0.104	Y
4269	4269	Beam	Angle	0.00	6	6	-	-	2	-	0.104	Y
4270	4270	Beam	Angle	0.00	6	6	-	-	2	-	0.104	Y
4271	6877	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
4272	6878	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
4273	6879	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
4274	6880	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
4275	6910	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
4276	6911	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
4277	6934	Beam	Angle	0.00	6	6	-	-	2	-	0.048	Y
4278	6907	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
4279	6908	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
4280	6909	Beam	Angle	0.00	6	6	-	-	2	-	0.048	Y
4281	6937	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
4282	6938	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
4283	6939	Beam	Angle	0.00	6	6	-	-	2	-	0.048	Y
4284	7000	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
4285	7001	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
4286	7002	Beam	Angle	0.00	6	6	-	-	2	-	0.048	Y
4287	7039	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
4288	7057	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
4289	7068	Beam	Angle	0.00	6	6	-	-	2	-	0.048	Y
4290	6970	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
4291	4291	Beam	Angle	0.00	6	6	-	-	2	-	0.104	Y
4292	4292	Beam	Angle	0.00	6	6	-	-	2	-	0.104	Y
4293	4293	Beam	Angle	0.00	6	6	-	-	2	-	0.104	Y
4294	5226	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4295	5227	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4296	5228	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4297	5229	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4298	4298	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4299	4299	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4300	4300	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4301	4301	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4302	4302	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4303	9263	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
4304	4304	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
4305	4305	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
4306	4306	Beam	Angle	0.00	7	7	-	-	16	-	1.200	X
4307	4307	Beam	Angle	0.00	7	7	-	-	16	-	0.960	X
4308	4308	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
4309	7857	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
4310	4310	Beam	Angle	0.00	7	7	-	-	16	-	1.200	X
4311	4311	Beam	Angle	0.00	7	7	-	-	16	-	0.960	X
4312	4312	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
4313	7850	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
4314	4314	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4315	4315	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4316	4316	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4317	4317	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4318	4318	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4319	7858	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
4320	4328	Beam	Angle	0.00	6	6	-	-	2	-	0.079	Y
4321	4329	Beam	Angle	0.00	6	6	-	-	2	-	0.079	Y
4322	4332	Beam	Angle	0.00	6	6	-	-	2	-	0.079	Y
4323	4333	Beam	Angle	0.00	6	6	-	-	2	-	0.079	Y
4324	4337	Beam	Angle	0.00	6	6	-	-	2	-	0.079	Y
4325	4341	Beam	Angle	0.00	6	6	-	-	2	-	0.079	Y

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
4326	4409	Beam	Angle	0.00	6	6	-	-	2	-	0.079	Y
4327	4410	Beam	Angle	0.00	6	6	-	-	2	-	0.079	Y
4328	4413	Beam	Angle	0.00	6	6	-	-	2	-	0.079	Y
4329	4414	Beam	Angle	0.00	6	6	-	-	2	-	0.079	Y
4330	4335	Beam	Angle	0.00	6	6	-	-	2	-	0.155	Y
4331	4331	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4332	4336	Beam	Angle	0.00	6	6	-	-	2	-	0.203	Y
4333	4417	Beam	Angle	0.00	6	6	-	-	2	-	0.079	Y
4334	4339	Beam	Angle	0.00	6	6	-	-	2	-	0.155	Y
4335	4330	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4336	4340	Beam	Angle	0.00	6	6	-	-	2	-	0.203	Y
4337	5230	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4338	4343	Beam	Angle	0.00	6	6	-	-	2	-	0.155	Y
4339	4334	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4340	4397	Beam	Angle	0.00	6	6	-	-	2	-	0.203	Y
4341	5231	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4342	4342	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4343	4338	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4344	4344	Beam	Angle	0.00	7	7	-	-	16	-	0.958	X
4345	4345	Beam	Angle	0.00	7	7	-	-	16	-	0.958	X
4346	4346	Beam	Angle	0.00	6	6	-	-	2	-	0.155	Y
4347	4347	Beam	Angle	0.00	6	6	-	-	2	-	0.155	Y
4348	4348	Beam	Angle	0.00	6	6	-	-	2	-	0.155	Y
4349	6971	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
4350	6972	Beam	Angle	0.00	6	6	-	-	2	-	0.048	Y
4351	7079	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
4352	7090	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
4353	7101	Beam	Angle	0.00	6	6	-	-	2	-	0.048	Y
4354	6973	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
4355	6996	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
4356	6999	Beam	Angle	0.00	6	6	-	-	2	-	0.048	Y
4357	7003	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
4358	7004	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
4359	4360	Beam	Angle	0.00	6	6	-	-	2	-	0.155	Y
4360	7028	Beam	Angle	0.00	6	6	-	-	2	-	0.048	Y
4361	6940	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
4362	4359	Beam	Angle	0.00	6	6	-	-	2	-	0.155	Y
4363	6941	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
4364	6942	Beam	Angle	0.00	6	6	-	-	2	-	0.048	Y
4365	4363	Beam	Angle	0.00	6	6	-	-	2	-	0.155	Y
4366	7112	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
4367	7123	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
4368	4366	Beam	Angle	0.00	6	6	-	-	2	-	0.155	Y
4369	7134	Beam	Angle	0.00	6	6	-	-	2	-	0.048	Y
4370	6965	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
4371	4163	Beam	Angle	0.00	6	6	-	-	2	-	0.031	Y
4372	4372	Beam	Angle	0.00	6	6	-	-	2	-	0.155	Y
4373	6968	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
4374	6969	Beam	Angle	0.00	6	6	-	-	2	-	0.048	Y
4375	4375	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4376	4376	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4377	4377	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4378	4378	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4379	4379	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4380	9262	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
4381	4381	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
4382	4382	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
4383	4383	Beam	Angle	0.00	7	7	-	-	16	-	1.200	X
4384	4384	Beam	Angle	0.00	7	7	-	-	16	-	0.960	X
4385	4385	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
4386	9265	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
4387	4387	Beam	Angle	0.00	7	7	-	-	16	-	1.200	X
4388	4388	Beam	Angle	0.00	7	7	-	-	16	-	0.960	X
4389	4389	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
4390	9266	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
4391	4391	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4392	4392	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4393	4393	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4394	4394	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4395	4395	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4396	9267	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
4397	4398	Beam	Angle	0.00	6	6	-	-	2	-	0.203	Y
4398	4399	Beam	Angle	0.00	6	6	-	-	2	-	0.203	Y
4399	4400	Beam	Angle	0.00	6	6	-	-	2	-	0.203	Y
4400	4402	Beam	Angle	0.00	6	6	-	-	2	-	0.203	Y
4401	4401	Beam	Angle	0.00	6	6	-	-	2	-	0.203	Y
4402	4403	Beam	Angle	0.00	6	6	-	-	2	-	0.203	Y
4403	4404	Beam	Angle	0.00	6	6	-	-	2	-	0.203	Y
4404	4371	Beam	Angle	0.00	6	6	-	-	2	-	0.155	Y
4405	4406	Beam	Angle	0.00	6	6	-	-	2	-	0.203	Y
4406	4405	Beam	Angle	0.00	6	6	-	-	2	-	0.203	Y
4407	4412	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4408	4408	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4409	5232	Beam	Angle	0.00	4	4	1	1	-	-	0.952	Y
4410	5233	Beam	Angle	0.00	4	4	1	1	-	-	0.952	Y
4411	4416	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4412	4407	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4413	5234	Beam	Angle	0.00	4	4	1	1	-	-	0.952	Y
4414	5235	Beam	Angle	0.00	4	4	1	1	-	-	0.952	Y
4415	4420	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4416	4411	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4417	5236	Beam	Angle	0.00	4	4	1	1	-	-	0.952	Y
4418	5237	Beam	Angle	0.00	4	4	1	1	-	-	0.952	Y
4419	4419	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
4420	4415	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4421	4421	Beam	Angle	0.00	7	7	-	-	16	-	0.958	X
4422	4422	Beam	Angle	0.00	7	7	-	-	16	-	0.958	X
4423	4423	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4424	4424	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4425	4425	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4426	4426	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
4427	6625	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
4428	4428	Beam	Angle	0.00	7	7	-	-	16	-	0.600	X
4429	4429	Beam	Angle	0.00	7	7	-	-	16	-	0.960	X
4430	4430	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
4431	4431	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
4432	6626	Beam	Angle	0.00	7	7	-	-	16	-	0.600	X
4433	6627	Beam	Angle	0.00	7	7	-	-	16	-	0.960	X
4434	6628	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
4435	6629	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
4436	4437	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4437	4438	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
4438	6630	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
4439	4436	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4440	4441	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
4441	6631	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
4442	4440	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4443	4444	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
4444	6632	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
4445	4443	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4446	4446	Beam	Angle	0.00	12	12	-	-	16	-	0.958	X
4447	6633	Beam	Angle	0.00	12	12	-	-	16	-	0.958	X
4448	4448	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4449	4449	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
4450	4450	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
4451	6634	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
4452	4452	Beam	Angle	0.00	6	6	-	-	2	-	0.711	X
4453	4453	Beam	Angle	0.00	6	6	-	-	2	-	0.735	X
4454	4454	Beam	Angle	0.00	6	6	-	-	2	-	0.758	X
4455	4455	Beam	Angle	0.00	6	6	-	-	2	-	0.782	X
4456	4456	Beam	Angle	0.00	6	6	-	-	2	-	0.774	X
4457	4457	Beam	Angle	0.00	6	6	-	-	2	-	0.789	X
4458	4458	Beam	Angle	0.00	6	6	-	-	2	-	0.804	X
4459	4459	Beam	Angle	0.00	6	6	-	-	2	-	0.819	X
4460	4460	Beam	Angle	0.00	6	6	-	-	5	-	1.500	XY
4461	4461	Beam	Angle	0.00	6	6	-	-	5	-	1.500	XY
4462	4462	Beam	Angle	0.00	6	6	-	-	5	-	1.500	XY
4463	4465	Beam	Angle	0.00	6	6	-	-	5	-	1.500	XY
4464	4466	Beam	Angle	0.00	6	6	-	-	5	-	1.500	XY
4465	4463	Beam	Angle	0.00	6	6	-	-	5	-	1.500	XY
4466	4464	Beam	Angle	0.00	6	6	-	-	5	-	1.500	XY
4467	4467	Beam	Angle	0.00	6	6	-	-	5	-	1.500	XY
4468	4468	Beam	Angle	0.00	6	6	-	-	5	-	1.500	XY
4469	4469	Beam	Angle	0.00	6	6	-	-	5	-	1.500	XY
4470	4470	Beam	Angle	0.00	6	6	-	-	5	-	1.500	XY
4471	4471	Beam	Angle	0.00	6	6	-	-	5	-	1.500	XY
4472	4579	Beam	Angle	0.00	1	1	-	-	-	-	0.390	Z
4473	4580	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
4474	4476	Beam	Angle	0.00	2	2	-	-	-	-	0.150	Z
4475	4477	Beam	Angle	0.00	2	2	-	-	-	-	0.150	Z
4476	4478	Beam	Angle	0.00	2	2	-	-	-	-	0.150	Z
4477	4479	Beam	Angle	0.00	2	2	-	-	-	-	0.150	Z
4478	4480	Beam	Angle	0.00	2	2	-	-	-	-	0.150	Z
4479	4481	Beam	Angle	0.00	2	2	-	-	-	-	0.150	Z
4480	4482	Beam	Angle	0.00	2	2	-	-	-	-	0.150	Z
4481	4483	Beam	Angle	0.00	2	2	-	-	-	-	0.150	Z
4482	4484	Beam	Angle	0.00	2	2	-	-	-	-	0.150	Z
4483	4485	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
4484	4486	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
4485	4487	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
4486	4488	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
4487	4489	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
4488	4490	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
4489	4491	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
4490	4492	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
4491	4493	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
4492	4494	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
4493	4495	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
4494	4496	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
4495	4497	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
4496	4498	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
4497	4499	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
4498	4500	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
4499	4501	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
4500	4503	Beam	Angle	0.00	1	1	-	-	-	-	0.040	Z
4501	4504	Beam	Angle	0.00	1	1	-	-	-	-	0.040	Z
4502	4505	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
4503	4502	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
4504	4507	Beam	Angle	0.00	1	1	-	-	-	-	0.040	Z
4505	4506	Beam	Angle	0.00	1	1	-	-	-	-	0.040	Z
4506	4509	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
4507	4510	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
4508	4511	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
4509	4508	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
4510	4513	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
4511	4512	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
4512	4514	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
4513	4515	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
4514	4516	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
4515	4519	Beam	Angle	0.00	1	1	-	-	-	-	0.060	Z
4516	4520	Beam	Angle	0.00	1	1	-	-	-	-	0.500	Z
4517	4521	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
4518	4522	Beam	Angle	0.00	1	1	-	-	-	-	0.060	Z
4519	4517	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
4520	4518	Beam	Angle	0.00	1	1	-	-	-	-	0.500	Z
4521	4525	Beam	Angle	0.00	1	1	-	-	-	-	0.060	Z
4522	4523	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
4523	4524	Beam	Angle	0.00	1	1	-	-	-	-	0.500	Z
4524	4528	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
4525	4526	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
4526	4527	Beam	Angle	0.00	1	1	-	-	-	-	0.500	Z
4527	4531	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
4528	4530	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
4529	4529	Beam	Angle	0.00	1	1	-	-	-	-	0.500	Z
4530	4534	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
4531	4532	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
4532	4533	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
4533	4539	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
4534	4538	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
4535	4537	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
4536	4540	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
4537	4541	Beam	Angle	0.00	1	1	-	-	-	-	0.040	Z
4538	4542	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
4539	4621	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
4540	4535	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
4541	4536	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
4542	4544	Beam	Angle	0.00	2	2	-	-	-	-	0.280	Z
4543	4545	Beam	Angle	0.00	2	2	-	-	-	-	0.280	Z
4544	4546	Beam	Angle	0.00	2	2	-	-	-	-	0.280	Z
4545	4547	Beam	Angle	0.00	2	2	-	-	-	-	0.280	Z
4546	4548	Beam	Angle	0.00	2	2	-	-	-	-	0.280	Z
4547	4549	Beam	Angle	0.00	2	2	-	-	-	-	0.280	Z
4548	4550	Beam	Angle	0.00	2	2	-	-	-	-	0.280	Z
4549	4551	Beam	Angle	0.00	2	2	-	-	-	-	0.280	Z
4550	4552	Beam	Angle	0.00	2	2	-	-	-	-	0.280	Z
4551	4553	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
4552	4554	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
4553	4555	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
4554	4556	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
4555	4557	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
4556	4558	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
4557	4559	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
4558	4560	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
4559	4561	Beam	Angle	0.00	3	3	1	1	-	-	1.705	XZ
4560	4562	Beam	Angle	0.00	3	3	1	1	-	-	1.705	XZ
4561	4563	Beam	Angle	0.00	3	3	1	1	-	-	1.705	XZ
4562	4564	Beam	Angle	0.00	3	3	1	1	-	-	1.705	XZ
4563	4565	Beam	Angle	0.00	3	3	1	1	-	-	1.705	XZ
4564	4566	Beam	Angle	0.00	3	3	1	1	-	-	1.705	XZ
4565	4567	Beam	Angle	0.00	3	3	1	1	-	-	1.705	XZ
4566	4568	Beam	Angle	0.00	3	3	1	1	-	-	1.705	XZ
4567	4569	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
4568	4570	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
4569	4571	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
4570	4572	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
4571	4573	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
4572	4574	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
4573	4575	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
4574	4576	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
4575	4577	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
4576	4578	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
4577	4472	Beam	Angle	0.00	1	1	-	-	-	-	0.120	Z
4578	4473	Beam	Angle	0.00	1	1	-	-	-	-	0.390	Z
4579	4474	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
4580	4475	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
4581	4581	Beam	Angle	0.00	1	1	-	-	-	-	0.120	Z
4582	4582	Beam	Angle	0.00	1	1	-	-	-	-	0.390	Z
4583	4583	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
4584	4584	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
4585	4585	Beam	Angle	0.00	1	1	-	-	-	-	0.120	Z
4586	4586	Beam	Angle	0.00	1	1	-	-	-	-	0.390	Z
4587	4587	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
4588	4588	Beam	Angle	0.00	1	1	-	-	-	-	0.130	Z
4589	4589	Beam	Angle	0.00	1	1	-	-	-	-	0.120	Z
4590	4590	Beam	Angle	0.00	1	1	-	-	-	-	0.390	Z
4591	4591	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
4592	4592	Beam	Angle	0.00	1	1	-	-	-	-	0.130	Z
4593	4593	Beam	Angle	0.00	1	1	-	-	-	-	0.120	Z
4594	4594	Beam	Angle	0.00	1	1	-	-	-	-	0.390	Z
4595	4595	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
4596	4596	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
4597	4597	Beam	Angle	0.00	1	1	-	-	-	-	0.120	Z
4598	4598	Beam	Angle	0.00	1	1	-	-	-	-	0.390	Z
4599	4599	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
4600	4600	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
4601	4601	Beam	Angle	0.00	1	1	-	-	-	-	0.390	Z
4602	4602	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
4603	4603	Beam	Angle	0.00	1	1	-	-	-	-	0.390	Z
4604	4604	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
4605	4605	Beam	Angle	0.00	4	4	1	1	-	-	0.629	X
4606	4606	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
4607	4607	Beam	Angle	0.00	4	4	1	1	-	-	0.629	X

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
4608	4608	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
4609	4609	Beam	Angle	0.00	1	1	-	-	-	-	0.060	Z
4610	4610	Beam	Angle	0.00	1	1	-	-	-	-	0.060	Z
4611	4611	Beam	Angle	0.00	1	1	-	-	-	-	0.060	Z
4612	4612	Beam	Angle	0.00	1	1	-	-	-	-	0.440	Z
4613	4613	Beam	Angle	0.00	1	1	-	-	-	-	0.040	Z
4614	4614	Beam	Angle	0.00	1	1	-	-	-	-	0.040	Z
4615	4615	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
4616	4616	Beam	Angle	0.00	4	4	1	1	-	-	1.200	X
4617	4617	Beam	Angle	0.00	1	1	-	-	-	-	0.060	Z
4618	4618	Beam	Angle	0.00	1	1	-	-	-	-	0.060	Z
4619	4627	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
4620	4620	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
4621	4543	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
4622	4622	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
4623	4623	Beam	Angle	0.00	4	4	1	1	-	-	1.200	X
4624	4624	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
4625	4625	Beam	Angle	0.00	1	1	-	-	-	-	0.390	Z
4626	4626	Beam	Angle	0.00	1	1	-	-	-	-	0.390	Z
4627	4619	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
4628	4628	Beam	Angle	0.00	1	1	-	-	-	-	0.060	Z
4629	4629	Beam	Angle	0.00	4	4	1	1	-	-	0.629	X
4630	4630	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
4631	4631	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
4632	4632	Beam	Angle	0.00	4	4	1	1	-	-	1.200	X
4633	4633	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
4634	4634	Beam	Angle	0.00	4	4	1	1	-	-	0.629	X
4635	4635	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
4636	4636	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
4637	4637	Beam	Angle	0.00	4	4	1	1	-	-	1.200	X
4638	4638	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
4639	4639	Beam	Angle	0.00	1	1	-	-	-	-	0.080	Z
4640	4640	Beam	Angle	0.00	1	1	-	-	-	-	0.260	Z
4641	4642	Beam	Angle	0.00	1	1	-	-	-	-	0.140	Z
4642	4641	Beam	Angle	0.00	1	1	-	-	-	-	0.080	Z
4643	4644	Beam	Angle	0.00	1	1	-	-	-	-	0.140	Z
4644	4643	Beam	Angle	0.00	1	1	-	-	-	-	0.080	Z
4645	4646	Beam	Angle	0.00	1	1	-	-	-	-	0.140	Z
4646	4645	Beam	Angle	0.00	1	1	-	-	-	-	0.080	Z
4647	4652	Beam	Angle	0.00	1	1	-	-	-	-	0.140	Z
4648	4651	Beam	Angle	0.00	1	1	-	-	-	-	0.260	Z
4649	4650	Beam	Angle	0.00	1	1	-	-	-	-	0.260	Z
4650	4648	Beam	Angle	0.00	1	1	-	-	-	-	0.080	Z
4651	4647	Beam	Angle	0.00	1	1	-	-	-	-	0.080	Z
4652	4649	Beam	Angle	0.00	1	1	-	-	-	-	0.080	Z
4653	4653	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
4654	4654	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
4655	4655	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
4656	4656	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
4657	4657	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
4658	4658	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
4659	4659	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
4660	4660	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
4661	4661	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
4662	4664	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
4663	4662	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
4664	4663	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
4665	4667	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
4666	4665	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
4667	4666	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
4668	4668	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
4669	4669	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
4670	4670	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
4671	4671	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
4672	4672	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
4673	4673	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
4674	4674	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
4675	4675	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
4676	4676	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
4677	4677	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
4678	4678	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
4679	4679	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
4680	4680	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
4681	4681	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
4682	4682	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
4683	4683	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
4684	4684	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
4685	4685	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
4686	4686	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
4687	4687	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
4688	4688	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
4689	4689	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
4690	4690	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
4691	4691	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
4692	4692	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
4693	4695	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
4694	4693	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
4695	4694	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
4696	4696	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
4697	4697	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
4698	4698	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
4699	4699	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
4700	4700	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
4701	4701	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
4702	4702	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
4703	4703	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
4704	4704	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
4705	4705	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
4706	4706	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
4707	4707	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
4708	4708	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
4709	4709	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
4710	4710	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
4711	4711	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
4712	4712	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
4713	4713	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
4714	4716	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
4715	4714	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
4716	4715	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
4717	4717	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
4718	4718	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
4719	4719	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
4720	4720	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
4721	4721	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
4722	4722	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
4723	4723	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
4724	4724	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
4725	4725	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
4726	4726	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
4727	4727	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
4728	4728	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
4729	4729	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
4730	4730	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
4731	4731	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
4732	4732	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
4733	4733	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
4734	4736	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
4735	4734	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
4736	4735	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
4737	4737	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
4738	4738	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
4739	4739	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
4740	4740	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
4741	4741	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
4742	4742	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
4743	4743	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
4744	4744	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
4745	4745	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
4746	4746	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
4747	4747	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
4748	4748	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
4749	4749	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
4750	4750	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
4751	4751	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
4752	4754	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
4753	4752	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
4754	4753	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
4755	4755	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
4756	4756	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
4757	4757	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
4758	4758	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
4759	4759	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
4760	4760	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
4761	4761	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
4762	4762	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
4763	4763	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
4764	4764	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
4765	4765	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
4766	4766	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
4767	4767	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
4768	4768	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
4769	4769	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
4770	4770	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
4771	4771	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
4772	4772	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
4773	4775	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
4774	4773	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
4775	4774	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
4776	4776	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
4777	4777	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
4778	4778	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
4779	4779	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
4780	4780	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
4781	4781	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
4782	4782	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
4783	4783	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
4784	4784	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
4785	4785	Beam	Angle	0.00	3	3	1	1	-	-	1.844	XZ
4786	4786	Beam	Angle	0.00	3	3	1	1	-	-	1.844	XZ
4787	4787	Beam	Angle	0.00	3	3	1	1	-	-	1.844	XZ
4788	4788	Beam	Angle	0.00	3	3	1	1	-	-	1.844	XZ
4789	4789	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
4790	4790	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
4791	4791	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
4792	4792	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
4793	4793	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
4794	4796	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
4795	4794	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
4796	4795	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
4797	4797	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
4798	4798	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
4799	4799	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
4800	4800	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
4801	4801	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
4802	4802	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
4803	4803	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
4804	4804	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
4805	4805	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
4806	4806	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
4807	4807	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
4808	4808	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
4809	4809	Beam	Angle	0.00	8	8	-	-	6	-	0.155	Z
4810	4810	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
4811	4811	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
4812	4812	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
4813	4815	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
4814	4813	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
4815	4814	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
4816	4816	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
4817	4817	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
4818	4818	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
4819	4819	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
4820	4820	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
4821	4821	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
4822	4822	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
4823	4823	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
4824	4824	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
4825	4825	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
4826	4826	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
4827	4827	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
4828	4828	Beam	Angle	0.00	3	3	1	1	-	-	1.698	XZ
4829	4829	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
4830	4830	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
4831	4831	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
4832	4834	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
4833	4832	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
4834	4833	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
4835	4835	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
4836	4836	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
4837	4837	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
4838	4838	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
4839	4839	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
4840	4840	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
4841	4841	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
4842	4842	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
4843	4843	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
4844	4844	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
4845	4845	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
4846	4846	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
4847	4847	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
4848	4850	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
4849	4848	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
4850	4849	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
4851	4851	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
4852	4852	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
4853	4853	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
4854	4854	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
4855	4855	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
4856	4856	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
4857	4857	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
4858	4858	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
4859	4859	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
4860	4860	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
4861	4861	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
4862	4862	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
4863	4863	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
4864	4864	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
4865	4865	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
4866	4866	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
4867	4867	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
4868	4868	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
4869	4869	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
4870	4870	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
4871	4872	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
4872	4871	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
4873	4873	Beam	Angle	0.00	7	7	-	-	16	-	0.629	X
4874	4874	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
4875	4875	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
4876	4876	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
4877	4877	Beam	Angle	0.00	7	7	-	-	16	-	1.125	X
4878	4878	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
4879	4879	Beam	Angle	0.00	7	7	-	-	16	-	1.200	X
4880	4880	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
4881	5238	Beam	Angle	0.00	4	4	1	1	-	-	0.952	Y
4882	4882	Beam	Angle	0.00	7	7	-	-	16	-	0.629	X
4883	4883	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
4884	4884	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
4885	4885	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
4886	4886	Beam	Angle	0.00	7	7	-	-	16	-	1.125	X
4887	4887	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
4888	4888	Beam	Angle	0.00	7	7	-	-	16	-	1.200	X
4889	4889	Beam	Angle	0.00	7	7	-	-	16	-	0.960	X

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
4890	5239	Beam	Angle	0.00	4	4	1	1	-	-	0.952	Y
4891	6635	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
4892	6636	Beam	Angle	0.00	7	7	-	-	16	-	0.600	X
4893	6637	Beam	Angle	0.00	7	7	-	-	16	-	0.960	X
4894	6638	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
4895	6639	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
4896	6640	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
4897	6641	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
4898	6642	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
4899	6643	Beam	Angle	0.00	12	12	-	-	16	-	0.958	X
4900	6644	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
4901	5240	Beam	Angle	0.00	4	4	1	1	-	-	0.952	Y
4902	5241	Beam	Angle	0.00	4	4	1	1	-	-	0.952	Y
4903	4903	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4904	4904	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4905	4905	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4906	4906	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4907	4907	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4908	4908	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4909	4909	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4910	4910	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4911	4911	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4912	4912	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4913	4913	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4914	4914	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4915	4915	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4916	4916	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4917	4917	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4918	4918	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4919	4919	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4920	4920	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4921	4921	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4922	4922	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4923	4923	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4924	4924	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4925	4925	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4926	4926	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4927	4927	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4928	4928	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4929	4929	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4930	4930	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4931	4931	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4932	4932	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4933	4933	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4934	4934	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4935	4935	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4936	4936	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4937	4937	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4938	4938	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4939	4939	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4940	4940	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4941	4941	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4942	4942	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4943	4943	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4944	4944	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4945	4945	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4946	4946	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4947	4947	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4948	4948	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4949	4949	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4950	4950	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4951	4951	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4952	4952	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4953	4953	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4954	4954	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4955	4955	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4956	4956	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4957	4957	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4958	4958	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4959	4959	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4960	4960	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4961	4961	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4962	4962	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4963	4963	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4964	2876	Beam	Angle	90.00	6	6	-	-	10	-	0.650	Z
4965	3370	Beam	Angle	90.00	6	6	-	-	10	-	0.650	Z
4966	4966	Beam	Angle	90.00	6	6	-	-	10	-	0.450	Z
4967	4967	Beam	Angle	90.00	6	6	-	-	10	-	0.450	Z
4968	4968	Beam	Angle	90.00	6	6	-	-	10	-	0.450	Z
4969	4969	Beam	Angle	90.00	6	6	-	-	10	-	0.450	Z
4970	4970	Beam	Angle	90.00	6	6	-	-	10	-	0.450	Z
4971	4971	Beam	Angle	90.00	6	6	-	-	10	-	0.450	Z
4972	4972	Beam	Angle	90.00	6	6	-	-	10	-	0.450	Z
4973	4973	Beam	Angle	90.00	6	6	-	-	10	-	0.450	Z
4974	4974	Beam	Angle	90.00	6	6	-	-	10	-	0.450	Z
4975	4979	Beam	Angle	0.00	1	1	-	-	-	-	0.205	Z
4976	11339	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
4977	11340	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
4978	4978	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4979	11341	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
4980	11342	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
4981	4981	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4982	11331	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
4983	11312	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
4984	11317	Beam	Angle	0.00	1	1	-	-	-	-	0.450	Z
4985	11325	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
4986	11313	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
4987	11320	Beam	Angle	0.00	1	1	-	-	-	-	0.450	Z
4988	511	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4989	514	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4990	590	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4991	614	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
4992	3141	Beam	Angle	90.00	6	6	-	-	10	-	0.325	Z
4993	3142	Beam	Angle	90.00	6	6	-	-	10	-	0.325	Z
4994	3139	Beam	Angle	90.00	6	6	-	-	10	-	0.325	Z
4995	3140	Beam	Angle	90.00	6	6	-	-	10	-	0.325	Z
4996	3135	Beam	Angle	90.00	6	6	-	-	10	-	0.325	Z
4997	3136	Beam	Angle	90.00	6	6	-	-	10	-	0.325	Z
4998	3137	Beam	Angle	90.00	6	6	-	-	10	-	0.325	Z
4999	3133	Beam	Angle	90.00	6	6	-	-	10	-	0.325	Z
5000	3134	Beam	Angle	90.00	6	6	-	-	10	-	0.325	Z
5001	3132	Beam	Angle	90.00	6	6	-	-	10	-	0.325	Z
5002	3138	Beam	Angle	90.00	6	6	-	-	10	-	0.325	Z
5003	3144	Beam	Angle	90.00	6	6	-	-	10	-	0.375	Z
5004	3145	Beam	Angle	90.00	6	6	-	-	10	-	0.375	Z
5005	3146	Beam	Angle	90.00	6	6	-	-	10	-	0.375	Z
5006	3147	Beam	Angle	90.00	6	6	-	-	10	-	0.375	Z
5007	3756	Beam	Angle	90.00	6	6	-	-	10	-	0.375	Z
5008	3757	Beam	Angle	90.00	6	6	-	-	10	-	0.375	Z
5009	3758	Beam	Angle	90.00	6	6	-	-	10	-	0.375	Z
5010	3759	Beam	Angle	90.00	6	6	-	-	10	-	0.375	Z
5011	3760	Beam	Angle	90.00	6	6	-	-	10	-	0.375	Z
5012	5012	Beam	Angle	0.00	6	6	-	-	2	-	0.152	Y
5013	5013	Beam	Angle	0.00	6	6	-	-	2	-	0.152	Y
5014	5014	Beam	Angle	0.00	6	6	-	-	2	-	0.152	Y
5015	5015	Beam	Angle	0.00	6	6	-	-	2	-	0.152	Y
5016	5016	Beam	Angle	0.00	6	6	-	-	2	-	0.152	Y
5017	5017	Beam	Angle	0.00	6	6	-	-	2	-	0.152	Y
5018	5018	Beam	Angle	0.00	6	6	-	-	2	-	0.152	Y
5019	5019	Beam	Angle	0.00	6	6	-	-	2	-	0.152	Y
5020	5020	Beam	Angle	0.00	6	6	-	-	2	-	0.152	Y
5021	5021	Beam	Angle	0.00	6	6	-	-	2	-	0.152	Y
5022	5022	Beam	Angle	0.00	6	6	-	-	2	-	0.152	Y
5023	5023	Beam	Angle	0.00	6	6	-	-	2	-	0.476	Y
5024	5024	Beam	Angle	0.00	6	6	-	-	2	-	0.476	Y
5025	5025	Beam	Angle	0.00	6	6	-	-	2	-	0.476	Y
5026	5026	Beam	Angle	0.00	6	6	-	-	2	-	0.476	Y
5027	5027	Beam	Angle	0.00	6	6	-	-	2	-	0.476	Y
5028	5028	Beam	Angle	0.00	6	6	-	-	2	-	0.476	Y
5029	5029	Beam	Angle	0.00	6	6	-	-	2	-	0.476	Y
5030	5030	Beam	Angle	0.00	6	6	-	-	2	-	0.476	Y
5031	5031	Beam	Angle	0.00	6	6	-	-	2	-	0.476	Y
5032	5032	Beam	Angle	0.00	7	7	-	-	16	-	0.629	X
5033	5033	Beam	Angle	0.00	7	7	-	-	16	-	0.629	X
5034	5034	Beam	Angle	0.00	8	8	-	-	6	-	0.225	Z
5035	5035	Beam	Angle	0.00	8	8	-	-	6	-	0.225	Z
5036	5036	Beam	Angle	0.00	8	8	-	-	6	-	0.225	Z
5037	5037	Beam	Angle	0.00	8	8	-	-	6	-	0.225	Z
5038	5038	Beam	Angle	0.00	7	7	-	-	16	-	0.271	X
5039	5039	Beam	Angle	0.00	8	8	-	-	6	-	0.225	Z
5040	5040	Beam	Angle	0.00	8	8	-	-	6	-	0.225	Z
5041	5041	Beam	Angle	0.00	8	8	-	-	6	-	0.225	Z
5042	5042	Beam	Angle	0.00	8	8	-	-	6	-	0.225	Z
5043	5043	Beam	Angle	0.00	8	8	-	-	6	-	0.225	Z
5044	5044	Beam	Angle	0.00	8	8	-	-	6	-	0.225	Z
5045	5045	Beam	Angle	0.00	8	8	-	-	6	-	0.225	Z
5046	5046	Beam	Angle	0.00	8	8	-	-	6	-	0.225	Z
5047	5047	Beam	Angle	0.00	8	8	-	-	7	-	0.160	Z
5048	5048	Beam	Angle	0.00	8	8	-	-	7	-	0.160	Z
5049	5049	Beam	Angle	0.00	8	8	-	-	7	-	0.140	Z
5050	5050	Beam	Angle	0.00	8	8	-	-	7	-	0.140	Z
5051	5051	Beam	Angle	0.00	8	8	-	-	6	-	0.195	Z
5052	5052	Beam	Angle	0.00	8	8	-	-	6	-	0.195	Z
5053	5053	Beam	Angle	0.00	8	8	-	-	30	-	0.139	Z
5054	5054	Beam	Angle	0.00	8	8	-	-	6	-	0.195	Z
5055	5055	Beam	Angle	0.00	8	8	-	-	6	-	0.195	Z
5056	5056	Beam	Angle	0.00	8	8	-	-	30	-	0.139	Z
5057	5057	Beam	Angle	0.00	8	8	-	-	6	-	0.195	Z
5058	5058	Beam	Angle	0.00	8	8	-	-	6	-	0.195	Z
5059	5059	Beam	Angle	0.00	8	8	-	-	30	-	0.139	Z
5060	5060	Beam	Angle	0.00	8	8	-	-	6	-	0.195	Z
5061	5061	Beam	Angle	0.00	8	8	-	-	6	-	0.195	Z
5062	5062	Beam	Angle	0.00	8	8	-	-	30	-	0.139	Z
5063	5063	Beam	Angle	0.00	8	8	-	-	6	-	0.195	Z
5064	5064	Beam	Angle	0.00	8	8	-	-	6	-	0.195	Z
5065	5065	Beam	Angle	0.00	8	8	-	-	30	-	0.139	Z
5066	5066	Beam	Angle	0.00	8	8	-	-	6	-	0.195	Z
5067	5067	Beam	Angle	0.00	8	8	-	-	6	-	0.195	Z
5068	5068	Beam	Angle	0.00	8	8	-	-	30	-	0.139	Z
5069	5069	Beam	Angle	0.00	8	8	-	-	6	-	0.195	Z
5070	5070	Beam	Angle	0.00	8	8	-	-	6	-	0.195	Z
5071	5071	Beam	Angle	0.00	8	8	-	-	30	-	0.139	Z
5072	5072	Beam	Angle	0.00	8	8	-	-	6	-	0.195	Z
5073	5073	Beam	Angle	0.00	8	8	-	-	6	-	0.195	Z
5074	5074	Beam	Angle	0.00	8	8	-	-	30	-	0.139	Z
5075	5075	Beam	Angle	0.00	8	8	-	-	6	-	0.195	Z
5076	5076	Beam	Angle	0.00	8	8	-	-	6	-	0.195	Z
5077	5077	Beam	Angle	0.00	8	8	-	-	30	-	0.139	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
5078	5209	Beam	Angle	0.00	6	6	-	-	2	-	0.476	Y
5079	5210	Beam	Angle	0.00	6	6	-	-	2	-	0.476	Y
5080	5211	Beam	Angle	0.00	6	6	-	-	2	-	0.476	Y
5081	5078	Beam	Angle	0.00	8	8	-	-	6	-	0.235	Z
5082	5079	Beam	Angle	0.00	8	8	-	-	6	-	0.235	Z
5083	5080	Beam	Angle	0.00	8	8	-	-	6	-	0.235	Z
5084	5081	Beam	Angle	0.00	8	8	-	-	6	-	0.235	Z
5085	5082	Beam	Angle	0.00	8	8	-	-	6	-	0.235	Z
5086	5083	Beam	Angle	0.00	8	8	-	-	6	-	0.235	Z
5087	5084	Beam	Angle	0.00	7	7	-	-	16	-	0.331	X
5088	5085	Beam	Angle	0.00	7	7	-	-	16	-	0.331	X
5089	5086	Beam	Angle	0.00	7	7	-	-	16	-	0.331	X
5090	5087	Beam	Angle	0.00	8	8	-	-	6	-	0.235	Z
5091	5088	Beam	Angle	0.00	8	8	-	-	6	-	0.235	Z
5092	5089	Beam	Angle	0.00	8	8	-	-	6	-	0.235	Z
5093	5090	Beam	Angle	0.00	8	8	-	-	6	-	0.235	Z
5094	5091	Beam	Angle	0.00	8	8	-	-	6	-	0.235	Z
5095	5092	Beam	Angle	0.00	8	8	-	-	6	-	0.235	Z
5096	5093	Beam	Angle	0.00	8	8	-	-	6	-	0.235	Z
5097	5094	Beam	Angle	0.00	8	8	-	-	6	-	0.235	Z
5098	5095	Beam	Angle	0.00	8	8	-	-	6	-	0.235	Z
5099	5096	Beam	Angle	0.00	8	8	-	-	6	-	0.235	Z
5100	5097	Beam	Angle	0.00	8	8	-	-	6	-	0.235	Z
5101	5098	Beam	Angle	0.00	8	8	-	-	6	-	0.235	Z
5102	5099	Beam	Angle	0.00	8	8	-	-	6	-	0.235	Z
5103	5100	Beam	Angle	0.00	8	8	-	-	6	-	0.235	Z
5104	5101	Beam	Angle	0.00	8	8	-	-	6	-	0.235	Z
5105	5102	Beam	Angle	0.00	8	8	-	-	6	-	0.235	Z
5106	5103	Beam	Angle	0.00	8	8	-	-	6	-	0.235	Z
5107	5104	Beam	Angle	0.00	8	8	-	-	6	-	0.235	Z
5108	5105	Beam	Angle	0.00	8	8	-	-	6	-	0.235	Z
5109	5106	Beam	Angle	0.00	8	8	-	-	6	-	0.235	Z
5110	5107	Beam	Angle	0.00	8	8	-	-	6	-	0.235	Z
5111	5109	Beam	Angle	0.00	7	7	-	-	16	-	0.540	X
5112	5108	Beam	Angle	0.00	7	7	-	-	16	-	0.540	X
5113	5110	Beam	Angle	0.00	7	7	-	-	16	-	0.540	X
5114	5111	Beam	Angle	0.00	1	1	-	-	-	-	0.390	Z
5115	5112	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
5116	5113	Beam	Angle	0.00	1	1	-	-	-	-	0.040	Z
5117	5114	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
5118	5117	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5119	5118	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
5120	5115	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
5121	5116	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
5122	5119	Beam	Angle	0.00	1	1	-	-	-	-	0.060	Z
5123	5120	Beam	Angle	0.00	1	1	-	-	-	-	0.390	Z
5124	5121	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
5125	5122	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
5126	5123	Beam	Angle	0.00	3	3	1	1	-	-	1.844	XZ
5127	5124	Beam	Angle	0.00	3	3	1	1	-	-	1.844	XZ
5128	5125	Beam	Angle	0.00	8	8	-	-	6	-	0.155	Z
5129	5126	Beam	Angle	0.00	8	8	-	-	6	-	0.155	Z
5130	5127	Beam	Angle	0.00	8	8	-	-	6	-	0.155	Z
5131	5128	Beam	Angle	0.00	8	8	-	-	6	-	0.155	Z
5132	5129	Beam	Angle	0.00	8	8	-	-	6	-	0.155	Z
5133	5130	Beam	Angle	0.00	8	8	-	-	6	-	0.155	Z
5134	5131	Beam	Angle	0.00	8	8	-	-	6	-	0.155	Z
5135	5132	Beam	Angle	0.00	8	8	-	-	6	-	0.155	Z
5136	5133	Beam	Angle	0.00	8	8	-	-	6	-	0.155	Z
5137	5134	Beam	Angle	0.00	8	8	-	-	6	-	0.155	Z
5138	5135	Beam	Angle	0.00	8	8	-	-	6	-	0.155	Z
5139	5136	Beam	Angle	0.00	8	8	-	-	6	-	0.155	Z
5140	5137	Beam	Angle	0.00	8	8	-	-	6	-	0.155	Z
5141	5138	Beam	Angle	0.00	8	8	-	-	6	-	0.155	Z
5142	5139	Beam	Angle	0.00	8	8	-	-	6	-	0.155	Z
5143	5140	Beam	Angle	0.00	8	8	-	-	6	-	0.155	Z
5144	5141	Beam	Angle	0.00	8	8	-	-	6	-	0.155	Z
5145	5142	Beam	Angle	0.00	8	8	-	-	6	-	0.155	Z
5146	5143	Beam	Angle	0.00	8	8	-	-	6	-	0.155	Z
5147	5144	Beam	Angle	0.00	8	8	-	-	6	-	0.155	Z
5148	5145	Beam	Angle	0.00	8	8	-	-	6	-	0.155	Z
5149	5146	Beam	Angle	0.00	8	8	-	-	6	-	0.155	Z
5150	5147	Beam	Angle	0.00	8	8	-	-	6	-	0.155	Z
5151	5148	Beam	Angle	0.00	8	8	-	-	6	-	0.155	Z
5152	5149	Beam	Angle	0.00	8	8	-	-	6	-	0.155	Z
5153	5150	Beam	Angle	0.00	8	8	-	-	6	-	0.155	Z
5154	5151	Beam	Angle	0.00	8	8	-	-	6	-	0.155	Z
5155	5152	Beam	Angle	0.00	8	8	-	-	6	-	0.155	Z
5156	5153	Beam	Angle	0.00	8	8	-	-	6	-	0.155	Z
5157	5154	Beam	Angle	0.00	8	8	-	-	6	-	0.155	Z
5158	5155	Beam	Angle	0.00	8	8	-	-	6	-	0.155	Z
5159	5156	Beam	Angle	0.00	8	8	-	-	6	-	0.155	Z
5160	5157	Beam	Angle	0.00	8	8	-	-	6	-	0.155	Z
5161	5158	Beam	Angle	0.00	8	8	-	-	6	-	0.155	Z
5162	5159	Beam	Angle	0.00	8	8	-	-	6	-	0.155	Z
5163	5160	Beam	Angle	0.00	8	8	-	-	6	-	0.155	Z
5164	5161	Beam	Angle	0.00	8	8	-	-	6	-	0.155	Z
5165	5162	Beam	Angle	0.00	8	8	-	-	6	-	0.155	Z
5166	5163	Beam	Angle	0.00	8	8	-	-	6	-	0.155	Z
5167	5164	Beam	Angle	0.00	8	8	-	-	6	-	0.155	Z
5168	9268	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
5169	9269	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
5170	9270	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
5171	9271	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
5172	5169	Beam	Angle	0.00	4	4	1	1	-	-	0.952	Y
5173	5170	Beam	Angle	0.00	4	4	1	1	-	-	0.952	Y
5174	5171	Beam	Angle	0.00	4	4	1	1	-	-	0.952	Y
5175	5172	Beam	Angle	0.00	4	4	1	1	-	-	0.952	Y
5176	5173	Beam	Angle	0.00	4	4	1	1	-	-	0.952	Y
5177	5174	Beam	Angle	0.00	4	4	1	1	-	-	0.952	Y
5178	5175	Beam	Angle	0.00	4	4	1	1	-	-	0.952	Y
5179	5176	Beam	Angle	0.00	7	7	-	-	16	-	0.331	X
5180	5195	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
5181	5194	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
5182	5196	Beam	Angle	0.00	7	7	-	-	16	-	1.200	X
5183	5202	Beam	Angle	0.00	7	7	-	-	16	-	0.960	X
5184	5198	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
5185	9272	Beam	Angle	0.00	2	2	-	-	-	-	0.200	Z
5186	5197	Beam	Angle	0.00	7	7	-	-	16	-	1.200	X
5187	5200	Beam	Angle	0.00	7	7	-	-	16	-	0.960	X
5188	5199	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
5189	9476	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
5190	5205	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
5191	5203	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
5192	5193	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
5193	5208	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
5194	5206	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
5195	5207	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
5196	5179	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
5197	5181	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
5198	5180	Beam	Angle	0.00	7	7	-	-	16	-	1.200	X
5199	5177	Beam	Angle	0.00	7	7	-	-	16	-	0.960	X
5200	5182	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
5201	9477	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
5202	5183	Beam	Angle	0.00	7	7	-	-	16	-	1.200	X
5203	5191	Beam	Angle	0.00	7	7	-	-	16	-	0.960	X
5204	5188	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
5205	10089	Beam	Angle	0.00	3	3	1	1	-	-	1.705	XZ
5206	5189	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
5207	5185	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
5208	5192	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
5209	5184	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
5210	5190	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
5211	5187	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
5212	5212	Beam	Angle	0.00	6	6	-	-	2	-	0.476	Y
5213	5213	Beam	Angle	0.00	6	6	-	-	2	-	0.476	Y
5214	5214	Beam	Angle	0.00	6	6	-	-	2	-	0.476	Y
5215	5215	Beam	Angle	0.00	6	6	-	-	2	-	0.476	Y
5216	5216	Beam	Angle	0.00	6	6	-	-	2	-	0.476	Y
5217	5217	Beam	Angle	0.00	6	6	-	-	2	-	0.476	Y
5218	2747	Beam	Angle	0.00	8	8	-	-	6	-	0.175	Z
5219	2749	Beam	Angle	0.00	8	8	-	-	6	-	0.175	Z
5220	2765	Beam	Angle	0.00	8	8	-	-	6	-	0.175	Z
5221	2767	Beam	Angle	0.00	8	8	-	-	34	-	0.077	Z
5222	2871	Beam	Angle	0.00	8	8	-	-	6	-	0.175	Z
5223	2873	Beam	Angle	0.00	8	8	-	-	6	-	0.175	Z
5224	2875	Beam	Angle	0.00	8	8	-	-	6	-	0.175	Z
5225	2877	Beam	Angle	0.00	8	8	-	-	34	-	0.077	Z
5226	3371	Beam	Angle	0.00	8	8	-	-	6	-	0.175	Z
5227	3373	Beam	Angle	0.00	8	8	-	-	6	-	0.175	Z
5228	3389	Beam	Angle	0.00	8	8	-	-	6	-	0.175	Z
5229	3391	Beam	Angle	0.00	8	8	-	-	34	-	0.077	Z
5230	3495	Beam	Angle	0.00	8	8	-	-	6	-	0.175	Z
5231	3497	Beam	Angle	0.00	8	8	-	-	6	-	0.175	Z
5232	3499	Beam	Angle	0.00	8	8	-	-	6	-	0.175	Z
5233	3501	Beam	Angle	0.00	8	8	-	-	34	-	0.077	Z
5234	4320	Beam	Angle	0.00	8	8	-	-	6	-	0.175	Z
5235	4321	Beam	Angle	0.00	8	8	-	-	6	-	0.175	Z
5236	4322	Beam	Angle	0.00	8	8	-	-	6	-	0.175	Z
5237	4323	Beam	Angle	0.00	8	8	-	-	34	-	0.077	Z
5238	10095	Beam	Angle	0.00	3	3	1	1	-	-	1.705	XZ
5239	10844	Beam	Angle	0.00	3	3	1	1	-	-	1.705	XZ
5240	10845	Beam	Angle	0.00	3	3	1	1	-	-	1.705	XZ
5241	10846	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5242	5242	Beam	Angle	0.00	4	4	1	1	-	-	0.952	Y
5243	5243	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5244	5244	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5245	5245	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5246	5246	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5247	5247	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5248	5248	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5249	5249	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5250	5250	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5251	5251	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5252	5252	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5253	5253	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5254	5254	Beam	Angle	0.00	4	4	1	1	-	-	0.952	Y
5255	5255	Beam	Angle	0.00	4	4	1	1	-	-	0.952	Y
5256	5256	Beam	Angle	0.00	4	4	1	1	-	-	0.952	Y
5257	5257	Beam	Angle	0.00	4	4	1	1	-	-	0.952	Y
5258	5258	Beam	Angle	0.00	4	4	1	1	-	-	0.952	Y
5259	5259	Beam	Angle	0.00	4	4	1	1	-	-	0.952	Y
5260	5260	Beam	Angle	0.00	4	4	1	1	-	-	0.952	Y
5261	5261	Beam	Angle	0.00	4	4	1	1	-	-	0.952	Y
5262	5262	Beam	Angle	0.00	4	4	1	1	-	-	0.952	Y
5263	5263	Beam	Angle	0.00	4	4	1	1	-	-	0.952	Y
5264	5264	Beam	Angle	0.00	4	4	1	1	-	-	0.952	Y
5265	5265	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
5266	5268	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
5267	5267	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5268	5266	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
5269	5269	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5270	5270	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
5271	5274	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5272	5273	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
5273	5271	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5274	5272	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
5275	5275	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5276	5276	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
5277	5278	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5278	5280	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
5279	5277	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5280	5279	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
5281	5282	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5282	5281	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
5283	5286	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5284	5284	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
5285	5283	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5286	5285	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
5287	5287	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5288	5288	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
5289	5290	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5290	5292	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
5291	5289	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5292	5291	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
5293	5296	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5294	5294	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
5295	5295	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5296	5293	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
5297	5300	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5298	5298	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
5299	5299	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5300	5297	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
5301	5313	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
5302	5315	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
5303	5314	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
5304	5316	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
5305	5305	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
5306	5306	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5307	5307	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5308	5308	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
5309	5303	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
5310	5304	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5311	5301	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5312	5302	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
5313	5311	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
5314	5312	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5315	5309	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5316	5310	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
5317	5328	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
5318	5327	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
5319	5325	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
5320	5326	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
5321	5317	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
5322	5318	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5323	5319	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5324	5320	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
5325	5323	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
5326	5324	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5327	5321	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5328	5322	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
5329	5329	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
5330	5330	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5331	5331	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5332	5332	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
5333	5336	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
5334	5334	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
5335	5333	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
5336	5335	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
5337	5341	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
5338	5342	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5339	5343	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5340	5344	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
5341	5345	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
5342	5346	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5343	5347	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5344	5348	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
5345	5337	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
5346	5338	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5347	5339	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5348	5340	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
5349	5360	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
5350	5358	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
5351	5359	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
5352	5357	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
5353	5349	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
5354	5350	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5355	5351	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5356	5352	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
5357	5353	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
5358	5354	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5359	5355	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
5360	5356	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
5361	5363	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
5362	5364	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5363	5361	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5364	5362	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
5365	5376	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
5366	5373	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
5367	5374	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
5368	5375	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
5369	5365	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
5370	5366	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5371	5371	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5372	5372	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
5373	5367	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
5374	5368	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5375	5369	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5376	5370	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
5377	5377	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
5378	5378	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5379	5379	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5380	5380	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
5381	5381	Beam	Angle	0.00	3	3	1	1	-	-	1.696	XZ
5382	5382	Beam	Angle	0.00	3	3	1	1	-	-	1.696	XZ
5383	5383	Beam	Angle	0.00	3	3	1	1	-	-	1.696	XZ
5384	5384	Beam	Angle	0.00	3	3	1	1	-	-	1.696	XZ
5385	5385	Beam	Angle	0.00	3	3	1	1	-	-	1.696	XZ
5386	5386	Beam	Angle	0.00	3	3	1	1	-	-	1.696	XZ
5387	5387	Beam	Angle	0.00	3	3	1	1	-	-	1.696	XZ
5388	5388	Beam	Angle	0.00	3	3	1	1	-	-	1.696	XZ
5389	5389	Beam	Angle	0.00	3	3	1	1	-	-	1.696	XZ
5390	5390	Beam	Angle	0.00	3	3	1	1	-	-	1.696	XZ
5391	5391	Beam	Angle	0.00	3	3	1	1	-	-	1.696	XZ
5392	5392	Beam	Angle	0.00	3	3	1	1	-	-	1.696	XZ
5393	5393	Beam	Angle	0.00	3	3	1	1	-	-	1.696	XZ
5394	5394	Beam	Angle	0.00	3	3	1	1	-	-	1.696	XZ
5395	5395	Beam	Angle	0.00	3	3	1	1	-	-	1.696	XZ
5396	5396	Beam	Angle	0.00	3	3	1	1	-	-	1.696	XZ
5397	8414	Beam	Angle	0.00	1	1	-	-	-	-	0.550	Z
5398	8416	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
5399	8417	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
5400	8436	Beam	Angle	0.00	6	6	-	-	24	-	0.295	Z
5401	8473	Beam	Angle	0.00	6	6	-	-	24	-	0.500	Z
5402	8490	Beam	Angle	0.00	6	6	-	-	24	-	0.205	Z
5403	8491	Beam	Angle	0.00	6	6	-	-	24	-	0.500	Z
5404	8513	Beam	Angle	0.00	6	6	-	-	24	-	0.005	Z
5405	5405	Beam	Angle	0.00	1	1	-	-	-	-	0.048	Z
5406	5406	Beam	Angle	0.00	5	5	1	1	1	-	1.861	XZ
5407	5407	Beam	Angle	0.00	6	6	-	-	5	-	0.987	Y
5408	5408	Beam	Angle	0.00	6	6	-	-	5	-	0.775	Y
5409	5409	Beam	Angle	0.00	6	6	-	-	5	-	0.560	Y
5410	5410	Beam	Angle	0.00	6	6	-	-	5	-	0.907	Y
5411	5415	Beam	Angle	0.00	6	6	-	-	2	-	0.417	X
5412	5416	Beam	Angle	0.00	6	6	-	-	2	-	0.394	X
5413	5414	Beam	Angle	0.00	6	6	-	-	2	-	0.370	X
5414	5411	Beam	Angle	0.00	6	6	-	-	5	-	0.165	Y
5415	5413	Beam	Angle	0.00	6	6	-	-	5	-	0.592	Y
5416	5412	Beam	Angle	0.00	6	6	-	-	5	-	0.045	Y
5417	5417	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
5418	5418	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
5419	5419	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
5420	5420	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
5421	5421	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
5422	5433	Beam	Angle	0.00	6	6	-	-	2	-	0.363	X
5423	5424	Beam	Angle	0.00	6	6	-	-	2	-	0.441	X
5424	5423	Beam	Angle	0.00	6	6	-	-	5	-	0.513	Y
5425	5422	Beam	Angle	0.00	6	6	-	-	5	-	0.841	Y
5426	5425	Beam	Angle	0.00	6	6	-	-	5	-	1.051	Y
5427	5426	Beam	Angle	0.00	6	6	-	-	5	-	0.138	Y
5428	5427	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
5429	5428	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
5430	5429	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
5431	5430	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
5432	5434	Beam	Angle	0.00	6	6	-	-	2	-	0.348	X
5433	5432	Beam	Angle	0.00	6	6	-	-	5	-	0.311	Y
5434	6584	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
5435	6582	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
5436	5437	Beam	Angle	0.00	6	6	-	-	2	-	0.378	X
5437	5436	Beam	Angle	0.00	6	6	-	-	5	-	0.659	Y
5438	5439	Beam	Angle	0.00	6	6	-	-	2	-	0.333	X
5439	3904	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
5440	3905	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
5441	3910	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
5442	3911	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
5443	5438	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
5444	5440	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
5445	5443	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
5446	5444	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
5447	5445	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
5448	5446	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
5449	5447	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
5450	5448	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
5451	5457	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5452	5458	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5453	5451	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
5454	5452	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
5455	5453	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
5456	5454	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
5457	5455	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
5458	5456	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
5459	5465	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5460	5466	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5461	5459	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
5462	5460	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
5463	5461	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
5464	5462	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
5465	5463	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
5466	5464	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
5467	5473	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5468	5474	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5469	5467	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
5470	5468	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
5471	5469	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
5472	5470	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
5473	5471	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
5474	5472	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
5475	5481	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5476	5482	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5477	5475	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
5478	5476	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
5479	5477	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
5480	5478	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
5481	5479	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
5482	5480	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
5483	5489	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5484	5490	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5485	5483	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
5486	5484	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
5487	5485	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
5488	5486	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
5489	5487	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
5490	5488	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
5491	5491	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
5492	5492	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
5493	5493	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5494	5505	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
5495	5503	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
5496	5504	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5497	5497	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
5498	5498	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
5499	5499	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5500	5494	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
5501	5495	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
5502	5496	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5503	5502	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
5504	5500	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
5505	5501	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5506	5509	Beam	Angle	0.00	1	1	-	-	-	-	0.900	Z
5507	5510	Beam	Angle	0.00	1	1	-	-	-	-	0.800	Z
5508	5511	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5509	5506	Beam	Angle	0.00	1	1	-	-	-	-	0.900	Z
5510	5507	Beam	Angle	0.00	1	1	-	-	-	-	0.800	Z
5511	5508	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5512	5512	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5513	5513	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5514	5514	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
5515	5515	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
5516	5516	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5517	5517	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5518	5518	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5519	5519	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5520	5520	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5521	5521	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5522	5522	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5523	5523	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5524	5524	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5525	5525	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5526	5526	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5527	5527	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5528	5528	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5529	5529	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5530	5530	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5531	5531	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5532	5532	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5533	5533	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5534	5534	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5535	5535	Beam	Angle	0.00	4	4	1	1	-	-	0.629	X
5536	5536	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
5537	5537	Beam	Angle	0.00	4	4	1	1	-	-	0.629	X
5538	5538	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
5539	5539	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5540	5540	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5541	5541	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5542	5542	Beam	Angle	0.00	4	4	1	1	-	-	0.629	X
5543	5543	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
5544	5544	Beam	Angle	0.00	4	4	1	1	-	-	0.629	X
5545	5545	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
5546	5546	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
5547	5547	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
5548	5549	Beam	Angle	0.00	1	1	-	-	-	-	0.010	Z
5549	5550	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5550	5548	Beam	Angle	0.00	1	1	-	-	-	-	0.010	Z
5551	5552	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
5552	5551	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
5553	5555	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
5554	5553	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
5555	5554	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5556	5557	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
5557	5556	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
5558	5558	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
5559	5559	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
5560	5560	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5561	5561	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5562	5564	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5563	5563	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5564	5562	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5565	5565	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
5566	5567	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5567	5568	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
5568	5566	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5569	5569	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5570	5570	Beam	Angle	0.00	8	8	-	-	-	-	0.140	Z
5571	5571	Beam	Angle	0.00	8	8	-	-	-	-	0.140	Z
5572	5572	Beam	Angle	0.00	8	8	-	-	-	-	0.140	Z
5573	5573	Beam	Angle	0.00	8	8	-	-	-	-	0.140	Z
5574	5574	Beam	Angle	0.00	8	8	-	-	-	-	0.140	Z
5575	5575	Beam	Angle	0.00	8	8	-	-	-	-	0.140	Z
5576	5576	Beam	Angle	0.00	8	8	-	-	-	-	0.140	Z
5577	5577	Beam	Angle	0.00	8	8	-	-	-	-	0.140	Z
5578	5578	Beam	Angle	0.00	8	8	-	-	-	-	0.140	Z
5579	5579	Beam	Angle	0.00	8	8	-	-	-	-	0.140	Z
5580	5580	Beam	Angle	0.00	8	8	-	-	-	-	0.140	Z
5581	5581	Beam	Angle	0.00	8	8	-	-	-	-	0.140	Z
5582	5582	Beam	Angle	0.00	8	8	-	-	-	-	0.140	Z
5583	5583	Beam	Angle	0.00	8	8	-	-	-	-	0.140	Z
5584	5584	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
5585	5585	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
5586	5586	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
5587	5587	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
5588	5588	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
5589	5589	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
5590	5590	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
5591	5591	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
5592	5592	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
5593	5593	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
5594	5594	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
5595	5595	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
5596	5596	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
5597	5597	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
5598	5598	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
5599	5599	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
5600	5600	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
5601	5601	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
5602	5602	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
5603	5603	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
5604	5604	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
5605	5605	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
5606	5609	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
5607	5607	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
5608	5606	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
5609	5608	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
5610	5611	Beam	Angle	0.00	1	1	-	-	-	-	0.900	Z
5611	5610	Beam	Angle	0.00	1	1	-	-	-	-	0.900	Z
5612	5612	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5613	5613	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5614	5614	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
5615	5615	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
5616	5616	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5617	5617	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5618	5618	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5619	5619	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5620	5620	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5621	5621	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5622	5622	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5623	5623	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5624	5627	Beam	Angle	0.00	4	4	1	1	-	-	0.629	X
5625	5628	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
5626	5629	Beam	Angle	0.00	4	4	1	1	-	-	0.629	X
5627	5630	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
5628	5631	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
5629	5632	Beam	Angle	0.00	1	1	-	-	-	-	0.010	XZ
5630	5633	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5631	5634	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
5632	5635	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
5633	5636	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
5634	5637	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
5635	5638	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5636	5639	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5637	5640	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
5638	5641	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
5639	5642	Beam	Angle	0.00	8	8	-	-	-	-	0.140	Z
5640	5643	Beam	Angle	0.00	8	8	-	-	-	-	0.140	Z
5641	5644	Beam	Angle	0.00	8	8	-	-	-	-	0.140	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
5642	5645	Beam	Angle	0.00	8	8	-	-	-	-	0.140	Z
5643	5646	Beam	Angle	0.00	8	8	-	-	-	-	0.140	Z
5644	5647	Beam	Angle	0.00	8	8	-	-	-	-	0.140	Z
5645	5648	Beam	Angle	0.00	8	8	-	-	-	-	0.140	Z
5646	5624	Beam	Angle	0.00	4	4	1	1	-	-	0.775	Y
5647	5625	Beam	Angle	0.00	4	4	1	1	-	-	0.775	Y
5648	5626	Beam	Angle	0.00	4	4	1	1	-	-	0.775	Y
5649	5649	Beam	Angle	0.00	4	4	1	1	-	-	0.775	Y
5650	5650	Beam	Angle	0.00	4	4	1	1	-	-	0.775	Y
5651	5651	Beam	Angle	0.00	4	4	1	1	-	-	0.775	Y
5652	5652	Beam	Angle	0.00	8	8	-	-	-	-	0.150	Z
5653	5653	Beam	Angle	0.00	2	2	-	-	-	-	0.460	Z
5654	5654	Beam	Angle	0.00	2	2	-	-	-	-	0.330	Z
5655	5655	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5656	5656	Beam	Angle	0.00	8	8	-	-	-	-	0.150	Z
5657	5657	Beam	Angle	0.00	2	2	-	-	-	-	0.460	Z
5658	5658	Beam	Angle	0.00	2	2	-	-	-	-	0.330	Z
5659	5659	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
5660	5660	Beam	Angle	0.00	8	8	-	-	-	-	0.150	Z
5661	5661	Beam	Angle	0.00	2	2	-	-	-	-	0.460	Z
5662	5662	Beam	Angle	0.00	2	2	-	-	-	-	0.330	Z
5663	5663	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
5664	5664	Beam	Angle	0.00	8	8	-	-	-	-	0.150	Z
5665	5665	Beam	Angle	0.00	2	2	-	-	-	-	0.460	Z
5666	5666	Beam	Angle	0.00	2	2	-	-	-	-	0.330	Z
5667	5667	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
5668	5668	Beam	Angle	0.00	8	8	-	-	-	-	0.150	Z
5669	5669	Beam	Angle	0.00	2	2	-	-	-	-	0.460	Z
5670	5670	Beam	Angle	0.00	2	2	-	-	-	-	0.330	Z
5671	5671	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
5672	5672	Beam	Angle	0.00	8	8	-	-	-	-	0.150	Z
5673	5673	Beam	Angle	0.00	2	2	-	-	-	-	0.460	Z
5674	5674	Beam	Angle	0.00	2	2	-	-	-	-	0.330	Z
5675	5675	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
5676	5676	Beam	Angle	0.00	8	8	-	-	-	-	0.150	Z
5677	5677	Beam	Angle	0.00	2	2	-	-	-	-	0.460	Z
5678	5678	Beam	Angle	0.00	2	2	-	-	-	-	0.330	Z
5679	5679	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
5680	5680	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5681	5681	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5682	5682	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5683	5683	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5684	5684	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5685	5685	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5686	5686	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5687	5687	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5688	5688	Beam	Angle	0.00	1	1	-	-	-	-	0.190	Z
5689	5690	Beam	Angle	0.00	1	1	-	-	-	-	0.190	Z
5690	5689	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
5691	5691	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
5692	5692	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
5693	5693	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
5694	5694	Beam	Angle	0.00	1	1	-	-	-	-	0.090	Z
5695	5696	Beam	Angle	0.00	1	1	-	-	-	-	0.090	Z
5696	5695	Beam	Angle	0.00	1	1	-	-	-	-	0.800	Z
5697	5697	Beam	Angle	0.00	1	1	-	-	-	-	0.800	Z
5698	5698	Beam	Angle	0.00	1	1	-	-	-	-	0.800	Z
5699	5699	Beam	Angle	0.00	1	1	-	-	-	-	0.800	Z
5700	5700	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5701	5701	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5702	5702	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5703	5703	Beam	Angle	0.00	4	4	1	1	-	-	0.629	X
5704	5704	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
5705	5705	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5706	5706	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5707	5707	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5708	5708	Beam	Angle	0.00	4	4	1	1	-	-	0.629	X
5709	5709	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
5710	5710	Beam	Angle	0.00	8	8	-	-	-	-	0.150	Z
5711	5711	Beam	Angle	0.00	2	2	-	-	-	-	0.460	Z
5712	5712	Beam	Angle	0.00	2	2	-	-	-	-	0.330	Z
5713	5713	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5714	5714	Beam	Angle	0.00	8	8	-	-	-	-	0.150	Z
5715	5715	Beam	Angle	0.00	2	2	-	-	-	-	0.460	Z
5716	5716	Beam	Angle	0.00	2	2	-	-	-	-	0.330	Z
5717	5717	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
5718	5718	Beam	Angle	0.00	8	8	-	-	-	-	0.150	Z
5719	5719	Beam	Angle	0.00	2	2	-	-	-	-	0.460	Z
5720	5720	Beam	Angle	0.00	2	2	-	-	-	-	0.330	Z
5721	5721	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
5722	5722	Beam	Angle	0.00	8	8	-	-	-	-	0.150	Z
5723	5723	Beam	Angle	0.00	2	2	-	-	-	-	0.460	Z
5724	5724	Beam	Angle	0.00	2	2	-	-	-	-	0.330	Z
5725	5725	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
5726	5726	Beam	Angle	0.00	8	8	-	-	-	-	0.150	Z
5727	5727	Beam	Angle	0.00	2	2	-	-	-	-	0.460	Z
5728	5728	Beam	Angle	0.00	2	2	-	-	-	-	0.330	Z
5729	5729	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
5730	5730	Beam	Angle	0.00	8	8	-	-	-	-	0.150	Z
5731	5731	Beam	Angle	0.00	2	2	-	-	-	-	0.460	Z
5732	5732	Beam	Angle	0.00	2	2	-	-	-	-	0.330	Z
5733	5733	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
5734	5734	Beam	Angle	0.00	8	8	-	-	-	-	0.150	Z
5735	5735	Beam	Angle	0.00	2	2	-	-	-	-	0.460	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
5736	5736	Beam	Angle	0.00	2	2	-	-	-	-	0.330	Z
5737	5737	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
5738	5738	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5739	5739	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5740	5740	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5741	5741	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5742	5742	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5743	5743	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5744	5744	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5745	5745	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5746	5746	Beam	Angle	0.00	1	1	-	-	-	-	0.190	Z
5747	5748	Beam	Angle	0.00	1	1	-	-	-	-	0.190	Z
5748	5747	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
5749	5749	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
5750	5750	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
5751	5751	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
5752	5752	Beam	Angle	0.00	1	1	-	-	-	-	0.090	Z
5753	5754	Beam	Angle	0.00	1	1	-	-	-	-	0.090	Z
5754	5753	Beam	Angle	0.00	1	1	-	-	-	-	0.800	Z
5755	5755	Beam	Angle	0.00	1	1	-	-	-	-	0.800	Z
5756	5756	Beam	Angle	0.00	1	1	-	-	-	-	0.800	Z
5757	5757	Beam	Angle	0.00	1	1	-	-	-	-	0.800	Z
5758	5758	Beam	Angle	0.00	4	4	1	1	-	-	0.629	X
5759	5759	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
5760	5760	Beam	Angle	0.00	4	4	1	1	-	-	0.629	X
5761	5761	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
5762	5762	Beam	Angle	0.00	4	4	1	1	-	-	0.952	Y
5763	5763	Beam	Angle	0.00	4	4	1	1	-	-	0.952	Y
5764	5764	Beam	Angle	0.00	4	4	1	1	-	-	0.952	Y
5765	5765	Beam	Angle	0.00	4	4	1	1	-	-	0.952	Y
5766	5766	Beam	Angle	0.00	4	4	1	1	-	-	0.952	Y
5767	5767	Beam	Angle	0.00	4	4	1	1	-	-	0.952	Y
5768	5768	Beam	Angle	0.00	1	1	-	-	-	-	0.900	Z
5769	5769	Beam	Angle	0.00	1	1	-	-	-	-	0.010	Z
5770	5770	Beam	Angle	0.00	1	1	-	-	-	-	0.900	Z
5771	5771	Beam	Angle	0.00	1	1	-	-	-	-	0.010	Z
5772	5773	Beam	Angle	0.00	1	1	-	-	-	-	0.010	Z
5773	5772	Beam	Angle	0.00	1	1	-	-	-	-	0.010	Z
5774	5775	Beam	Angle	0.00	1	1	-	-	-	-	0.710	Z
5775	5774	Beam	Angle	0.00	1	1	-	-	-	-	0.710	Z
5776	5779	Beam	Angle	0.00	1	1	-	-	-	-	0.010	Z
5777	5778	Beam	Angle	0.00	1	1	-	-	-	-	0.710	Z
5778	5777	Beam	Angle	0.00	1	1	-	-	-	-	0.010	Z
5779	5776	Beam	Angle	0.00	1	1	-	-	-	-	0.710	Z
5780	5780	Beam	Angle	0.00	8	8	-	-	-	-	0.150	Z
5781	5781	Beam	Angle	0.00	2	2	-	-	-	-	0.460	Z
5782	5782	Beam	Angle	0.00	2	2	-	-	-	-	0.330	Z
5783	5783	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5784	5784	Beam	Angle	0.00	8	8	-	-	-	-	0.150	Z
5785	5785	Beam	Angle	0.00	2	2	-	-	-	-	0.460	Z
5786	5786	Beam	Angle	0.00	2	2	-	-	-	-	0.330	Z
5787	5787	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5788	5788	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5789	5789	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5790	5790	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5791	5791	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5792	5792	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5793	5793	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5794	5794	Beam	Angle	0.00	8	8	-	-	-	-	0.150	Z
5795	5795	Beam	Angle	0.00	2	2	-	-	-	-	0.460	Z
5796	5796	Beam	Angle	0.00	2	2	-	-	-	-	0.330	Z
5797	5797	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5798	5798	Beam	Angle	0.00	8	8	-	-	-	-	0.150	Z
5799	5799	Beam	Angle	0.00	2	2	-	-	-	-	0.460	Z
5800	5800	Beam	Angle	0.00	2	2	-	-	-	-	0.330	Z
5801	5801	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5802	5802	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5803	5803	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5804	5804	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5805	5805	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5806	5806	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5807	5807	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5808	5808	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5809	5809	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5810	5967	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5811	5965	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5812	5812	Beam	Angle	0.00	8	8	-	-	-	-	0.150	Z
5813	5813	Beam	Angle	0.00	2	2	-	-	-	-	0.460	Z
5814	5814	Beam	Angle	0.00	2	2	-	-	-	-	0.330	Z
5815	5815	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5816	5816	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5817	5817	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5818	5818	Beam	Angle	0.00	8	8	-	-	-	-	0.150	Z
5819	5819	Beam	Angle	0.00	2	2	-	-	-	-	0.460	Z
5820	5820	Beam	Angle	0.00	2	2	-	-	-	-	0.330	Z
5821	5821	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5822	5822	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5823	5823	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5824	5824	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5825	5972	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
5826	5826	Beam	Angle	0.00	8	8	-	-	-	-	0.150	Z
5827	5827	Beam	Angle	0.00	2	2	-	-	-	-	0.460	Z
5828	5828	Beam	Angle	0.00	2	2	-	-	-	-	0.330	Z
5829	5829	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
5830	5830	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5831	5831	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5832	5832	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
5833	5833	Beam	Angle	0.00	1	1	-	-	-	-	0.800	Z
5834	5834	Beam	Angle	0.00	8	8	-	-	-	-	0.150	Z
5835	5835	Beam	Angle	0.00	2	2	-	-	-	-	0.460	Z
5836	5836	Beam	Angle	0.00	2	2	-	-	-	-	0.330	Z
5837	5837	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
5838	5838	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5839	5839	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5840	5840	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
5841	5841	Beam	Angle	0.00	1	1	-	-	-	-	0.800	Z
5842	5842	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5843	5843	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5844	5844	Beam	Angle	0.00	8	8	-	-	-	-	0.150	Z
5845	5845	Beam	Angle	0.00	2	2	-	-	-	-	0.460	Z
5846	5846	Beam	Angle	0.00	2	2	-	-	-	-	0.330	Z
5847	5847	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5848	5848	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5849	5849	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5850	5850	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5851	5851	Beam	Angle	0.00	1	1	-	-	-	-	0.800	Z
5852	5852	Beam	Angle	0.00	8	8	-	-	-	-	0.150	Z
5853	5853	Beam	Angle	0.00	2	2	-	-	-	-	0.460	Z
5854	5854	Beam	Angle	0.00	2	2	-	-	-	-	0.330	Z
5855	5855	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5856	5856	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5857	5857	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5858	5858	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5859	5859	Beam	Angle	0.00	1	1	-	-	-	-	0.800	Z
5860	5860	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5861	5861	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5862	5862	Beam	Angle	0.00	8	8	-	-	-	-	0.150	Z
5863	5863	Beam	Angle	0.00	2	2	-	-	-	-	0.460	Z
5864	5864	Beam	Angle	0.00	2	2	-	-	-	-	0.330	Z
5865	5865	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5866	5866	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5867	5867	Beam	Angle	0.00	1	1	-	-	-	-	0.800	Z
5868	5868	Beam	Angle	0.00	8	8	-	-	-	-	0.150	Z
5869	5869	Beam	Angle	0.00	2	2	-	-	-	-	0.460	Z
5870	5870	Beam	Angle	0.00	2	2	-	-	-	-	0.330	Z
5871	5871	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5872	5872	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5873	5873	Beam	Angle	0.00	1	1	-	-	-	-	0.800	Z
5874	5874	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5875	6016	Beam	Angle	0.00	8	8	-	-	-	-	0.150	Z
5876	5876	Beam	Angle	0.00	8	8	-	-	-	-	0.150	Z
5877	5877	Beam	Angle	0.00	2	2	-	-	-	-	0.460	Z
5878	5878	Beam	Angle	0.00	2	2	-	-	-	-	0.330	Z
5879	5879	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
5880	5880	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
5881	5881	Beam	Angle	0.00	1	1	-	-	-	-	0.800	Z
5882	5882	Beam	Angle	0.00	8	8	-	-	-	-	0.150	Z
5883	5883	Beam	Angle	0.00	2	2	-	-	-	-	0.460	Z
5884	5884	Beam	Angle	0.00	2	2	-	-	-	-	0.330	Z
5885	5885	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
5886	5886	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
5887	5887	Beam	Angle	0.00	1	1	-	-	-	-	0.800	Z
5888	5888	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5889	6017	Beam	Angle	0.00	2	2	-	-	-	-	0.460	Z
5890	5890	Beam	Angle	0.00	8	8	-	-	-	-	0.150	Z
5891	5891	Beam	Angle	0.00	2	2	-	-	-	-	0.460	Z
5892	5892	Beam	Angle	0.00	2	2	-	-	-	-	0.330	Z
5893	5893	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
5894	5894	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
5895	5895	Beam	Angle	0.00	1	1	-	-	-	-	0.800	Z
5896	5896	Beam	Angle	0.00	8	8	-	-	-	-	0.150	Z
5897	5897	Beam	Angle	0.00	2	2	-	-	-	-	0.460	Z
5898	5898	Beam	Angle	0.00	2	2	-	-	-	-	0.330	Z
5899	5899	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
5900	5900	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
5901	5901	Beam	Angle	0.00	1	1	-	-	-	-	0.800	Z
5902	5902	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5903	5903	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5904	5904	Beam	Angle	0.00	8	8	-	-	-	-	0.150	Z
5905	5905	Beam	Angle	0.00	2	2	-	-	-	-	0.460	Z
5906	5906	Beam	Angle	0.00	2	2	-	-	-	-	0.330	Z
5907	5907	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
5908	5908	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
5909	5909	Beam	Angle	0.00	1	1	-	-	-	-	0.800	Z
5910	5910	Beam	Angle	0.00	8	8	-	-	-	-	0.150	Z
5911	5911	Beam	Angle	0.00	2	2	-	-	-	-	0.460	Z
5912	5912	Beam	Angle	0.00	2	2	-	-	-	-	0.330	Z
5913	5913	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
5914	5914	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
5915	5915	Beam	Angle	0.00	1	1	-	-	-	-	0.800	Z
5916	5916	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5917	5917	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5918	5918	Beam	Angle	0.00	8	8	-	-	-	-	0.150	Z
5919	5919	Beam	Angle	0.00	2	2	-	-	-	-	0.460	Z
5920	5920	Beam	Angle	0.00	2	2	-	-	-	-	0.330	Z
5921	5921	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
5922	5922	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
5923	5923	Beam	Angle	0.00	1	1	-	-	-	-	0.800	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
5924	5924	Beam	Angle	0.00	8	8	-	-	-	-	0.150	Z
5925	5925	Beam	Angle	0.00	2	2	-	-	-	-	0.460	Z
5926	5926	Beam	Angle	0.00	2	2	-	-	-	-	0.330	Z
5927	5927	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
5928	5928	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
5929	5929	Beam	Angle	0.00	1	1	-	-	-	-	0.800	Z
5930	5930	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5931	5931	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5932	5932	Beam	Angle	0.00	6	6	-	-	5	-	1.014	Y
5933	5933	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
5934	5934	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
5935	5935	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
5936	5936	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
5937	10847	Beam	Angle	0.00	1	1	-	-	-	-	0.090	Z
5938	10851	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5939	10852	Beam	Angle	0.00	1	1	-	-	-	-	0.090	Z
5940	10853	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5941	10861	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5942	10868	Beam	Angle	0.00	1	1	-	-	-	-	0.330	Z
5943	10865	Beam	Angle	0.00	1	1	-	-	-	-	0.040	Z
5944	10866	Beam	Angle	0.00	1	1	-	-	-	-	0.330	Z
5945	10870	Beam	Angle	0.00	1	1	-	-	-	-	0.060	Z
5946	5946	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5947	5947	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5948	5948	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5949	5949	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5950	5950	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5951	5951	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5952	5952	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5953	5953	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
5954	10888	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
5955	10892	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
5956	10895	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
5957	10896	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
5958	8514	Beam	Angle	0.00	6	6	-	-	24	-	0.500	Z
5959	8577	Beam	Angle	0.00	6	6	-	-	24	-	0.205	Z
5960	8593	Beam	Angle	0.00	6	6	-	-	12	-	0.500	Z
5961	8594	Beam	Angle	0.00	6	6	-	-	12	-	0.205	Z
5962	8740	Beam	Angle	0.00	6	6	-	-	12	-	0.500	Z
5963	8741	Beam	Angle	0.00	6	6	-	-	12	-	0.005	Z
5964	8742	Beam	Angle	0.00	6	6	-	-	12	-	0.500	Z
5965	5825	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5966	5810	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5967	5811	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5968	8746	Beam	Angle	0.00	6	6	-	-	12	-	0.205	Z
5969	8579	Beam	Angle	0.00	6	6	-	-	12	-	0.295	Z
5970	8758	Beam	Angle	0.00	6	6	-	-	12	-	0.295	Z
5971	8765	Beam	Angle	0.00	6	6	-	-	12	-	0.500	Z
5972	5966	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5973	5973	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5974	5974	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
5975	5978	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5976	5980	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5977	5979	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
5978	5976	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5979	5975	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5980	5977	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
5981	5984	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5982	5986	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5983	5985	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
5984	5981	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5985	5982	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
5986	5983	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
5987	5989	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5988	5990	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5989	5991	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
5990	5992	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
5991	5875	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5992	5889	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5993	5993	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
5994	5994	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
5995	8766	Beam	Angle	0.00	6	6	-	-	12	-	0.205	Z
5996	8767	Beam	Angle	0.00	6	6	-	-	12	-	0.500	Z
5997	8768	Beam	Angle	0.00	6	6	-	-	12	-	0.005	Z
5998	5996	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
5999	5997	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
6000	5998	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
6001	5999	Beam	Angle	0.00	4	4	1	1	-	-	1.200	X
6002	6000	Beam	Angle	0.00	4	4	1	1	-	-	1.200	X
6003	6001	Beam	Angle	0.00	4	4	1	1	-	-	1.200	X
6004	6002	Beam	Angle	0.00	4	4	1	1	-	-	1.200	X
6005	6003	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
6006	6004	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
6007	6005	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
6008	6006	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
6009	6007	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
6010	6008	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
6011	6009	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
6012	6010	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
6013	6011	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
6014	6012	Beam	Angle	0.00	4	4	1	1	-	-	0.960	X
6015	6013	Beam	Angle	0.00	4	4	1	1	-	-	0.960	X
6016	6014	Beam	Angle	0.00	4	4	1	1	-	-	0.960	X
6017	6015	Beam	Angle	0.00	4	4	1	1	-	-	0.960	X

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
6018	6018	Beam	Angle	0.00	2	2	-	-	-	-	0.330	Z
6019	6019	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6020	6020	Beam	Angle	0.00	8	8	-	-	-	-	0.150	Z
6021	6021	Beam	Angle	0.00	2	2	-	-	-	-	0.460	Z
6022	6022	Beam	Angle	0.00	2	2	-	-	-	-	0.330	Z
6023	6023	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6024	6024	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
6025	6025	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
6026	6026	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6027	6027	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6028	6028	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6029	6029	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6030	6030	Beam	Angle	0.00	8	8	-	-	-	-	0.150	Z
6031	6031	Beam	Angle	0.00	2	2	-	-	-	-	0.460	Z
6032	6032	Beam	Angle	0.00	2	2	-	-	-	-	0.330	Z
6033	6033	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6034	6034	Beam	Angle	0.00	8	8	-	-	-	-	0.150	Z
6035	6035	Beam	Angle	0.00	2	2	-	-	-	-	0.460	Z
6036	6036	Beam	Angle	0.00	2	2	-	-	-	-	0.330	Z
6037	6037	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6038	6038	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
6039	6039	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
6040	6040	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6041	6041	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6042	6042	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6043	6043	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6044	6044	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
6045	6045	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
6046	6203	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6047	6201	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6048	6048	Beam	Angle	0.00	8	8	-	-	-	-	0.150	Z
6049	6049	Beam	Angle	0.00	2	2	-	-	-	-	0.460	Z
6050	6050	Beam	Angle	0.00	2	2	-	-	-	-	0.330	Z
6051	6051	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6052	6052	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6053	6053	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6054	6054	Beam	Angle	0.00	8	8	-	-	-	-	0.150	Z
6055	6055	Beam	Angle	0.00	2	2	-	-	-	-	0.460	Z
6056	6056	Beam	Angle	0.00	2	2	-	-	-	-	0.330	Z
6057	6057	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6058	6058	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6059	6059	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6060	6060	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
6061	6208	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
6062	6062	Beam	Angle	0.00	8	8	-	-	-	-	0.150	Z
6063	6063	Beam	Angle	0.00	2	2	-	-	-	-	0.460	Z
6064	6064	Beam	Angle	0.00	2	2	-	-	-	-	0.330	Z
6065	6065	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
6066	6066	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
6067	6067	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
6068	6068	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
6069	6069	Beam	Angle	0.00	1	1	-	-	-	-	0.800	Z
6070	6070	Beam	Angle	0.00	8	8	-	-	-	-	0.150	Z
6071	6071	Beam	Angle	0.00	2	2	-	-	-	-	0.460	Z
6072	6072	Beam	Angle	0.00	2	2	-	-	-	-	0.330	Z
6073	6073	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
6074	6074	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
6075	6075	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
6076	6076	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
6077	6077	Beam	Angle	0.00	1	1	-	-	-	-	0.800	Z
6078	6078	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
6079	6079	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
6080	6080	Beam	Angle	0.00	8	8	-	-	-	-	0.150	Z
6081	6081	Beam	Angle	0.00	2	2	-	-	-	-	0.460	Z
6082	6082	Beam	Angle	0.00	2	2	-	-	-	-	0.330	Z
6083	6083	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
6084	6084	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
6085	6085	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
6086	6086	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6087	6087	Beam	Angle	0.00	1	1	-	-	-	-	0.800	Z
6088	6088	Beam	Angle	0.00	8	8	-	-	-	-	0.150	Z
6089	6089	Beam	Angle	0.00	2	2	-	-	-	-	0.460	Z
6090	6090	Beam	Angle	0.00	2	2	-	-	-	-	0.330	Z
6091	6091	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6092	6092	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
6093	6093	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
6094	6094	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6095	6095	Beam	Angle	0.00	1	1	-	-	-	-	0.800	Z
6096	6096	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
6097	6097	Beam	Angle	0.00	4	4	1	-	-	-	0.002	Y
6098	6098	Beam	Angle	0.00	8	8	-	-	-	-	0.150	Z
6099	6099	Beam	Angle	0.00	2	2	-	-	-	-	0.460	Z
6100	6100	Beam	Angle	0.00	2	2	-	-	-	-	0.330	Z
6101	6101	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6102	6102	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6103	6103	Beam	Angle	0.00	1	1	-	-	-	-	0.800	Z
6104	6104	Beam	Angle	0.00	8	8	-	-	-	-	0.150	Z
6105	6105	Beam	Angle	0.00	2	2	-	-	-	-	0.460	Z
6106	6106	Beam	Angle	0.00	2	2	-	-	-	-	0.330	Z
6107	6107	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6108	6108	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6109	6109	Beam	Angle	0.00	1	1	-	-	-	-	0.800	Z
6110	6110	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
6111	6112	Beam	Angle	0.00	8	8	-	-	-	-	0.150	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
6112	6113	Beam	Angle	0.00	2	2	-	-	-	-	0.460	Z
6113	6114	Beam	Angle	0.00	2	2	-	-	-	-	0.330	Z
6114	6115	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
6115	6116	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
6116	6117	Beam	Angle	0.00	1	1	-	-	-	-	0.800	Z
6117	6118	Beam	Angle	0.00	8	8	-	-	-	-	0.150	Z
6118	6119	Beam	Angle	0.00	2	2	-	-	-	-	0.460	Z
6119	6120	Beam	Angle	0.00	2	2	-	-	-	-	0.330	Z
6120	6121	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
6121	6122	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
6122	6123	Beam	Angle	0.00	1	1	-	-	-	-	0.800	Z
6123	6124	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
6124	6126	Beam	Angle	0.00	8	8	-	-	-	-	0.150	Z
6125	6127	Beam	Angle	0.00	2	2	-	-	-	-	0.460	Z
6126	6128	Beam	Angle	0.00	2	2	-	-	-	-	0.330	Z
6127	6129	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
6128	6130	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
6129	6131	Beam	Angle	0.00	1	1	-	-	-	-	0.800	Z
6130	6132	Beam	Angle	0.00	8	8	-	-	-	-	0.150	Z
6131	6133	Beam	Angle	0.00	2	2	-	-	-	-	0.460	Z
6132	6134	Beam	Angle	0.00	2	2	-	-	-	-	0.330	Z
6133	6135	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
6134	6136	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
6135	6137	Beam	Angle	0.00	1	1	-	-	-	-	0.800	Z
6136	6138	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
6137	6139	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
6138	6140	Beam	Angle	0.00	8	8	-	-	-	-	0.150	Z
6139	6141	Beam	Angle	0.00	2	2	-	-	-	-	0.460	Z
6140	6142	Beam	Angle	0.00	2	2	-	-	-	-	0.330	Z
6141	6143	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
6142	6144	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
6143	6145	Beam	Angle	0.00	1	1	-	-	-	-	0.800	Z
6144	6146	Beam	Angle	0.00	8	8	-	-	-	-	0.150	Z
6145	6147	Beam	Angle	0.00	2	2	-	-	-	-	0.460	Z
6146	6148	Beam	Angle	0.00	2	2	-	-	-	-	0.330	Z
6147	6149	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
6148	6150	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
6149	6151	Beam	Angle	0.00	1	1	-	-	-	-	0.800	Z
6150	6152	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
6151	6153	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
6152	6154	Beam	Angle	0.00	8	8	-	-	-	-	0.150	Z
6153	6155	Beam	Angle	0.00	2	2	-	-	-	-	0.460	Z
6154	6156	Beam	Angle	0.00	2	2	-	-	-	-	0.330	Z
6155	6157	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
6156	6158	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
6157	6159	Beam	Angle	0.00	1	1	-	-	-	-	0.800	Z
6158	6160	Beam	Angle	0.00	8	8	-	-	-	-	0.150	Z
6159	6161	Beam	Angle	0.00	2	2	-	-	-	-	0.460	Z
6160	6162	Beam	Angle	0.00	2	2	-	-	-	-	0.330	Z
6161	6163	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
6162	6164	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
6163	6165	Beam	Angle	0.00	1	1	-	-	-	-	0.800	Z
6164	6166	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
6165	6167	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
6166	10903	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
6167	10904	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
6168	10905	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6169	10906	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6170	10970	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
6171	10971	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
6172	10972	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
6173	10978	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6174	10977	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6175	10974	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
6176	10973	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
6177	10975	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
6178	10976	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
6179	10979	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
6180	6182	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
6181	6183	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
6182	6184	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
6183	6185	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
6184	6186	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
6185	6187	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
6186	6188	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
6187	6189	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
6188	10980	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
6189	10981	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
6190	10982	Beam	Angle	0.00	3	3	1	1	-	-	2.052	XZ
6191	10983	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
6192	8769	Beam	Angle	0.00	6	6	-	-	12	-	0.500	Z
6193	8772	Beam	Angle	0.00	6	6	-	-	12	-	0.205	Z
6194	8789	Beam	Angle	0.00	6	6	-	-	12	-	0.295	Z
6195	8802	Beam	Angle	0.00	6	6	-	-	12	-	0.500	Z
6196	8803	Beam	Angle	0.00	6	6	-	-	12	-	0.205	Z
6197	8804	Beam	Angle	0.00	6	6	-	-	12	-	0.500	Z
6198	8805	Beam	Angle	0.00	6	6	-	-	12	-	0.005	Z
6199	6061	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
6200	6046	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
6201	6047	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
6202	8806	Beam	Angle	0.00	6	6	-	-	12	-	0.500	Z
6203	8807	Beam	Angle	0.00	6	6	-	-	12	-	0.205	Z
6204	8823	Beam	Angle	0.00	6	6	-	-	12	-	0.295	Z
6205	8833	Beam	Angle	0.00	6	6	-	-	12	-	0.500	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
6206	6202	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6207	6209	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6208	6210	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
6209	6214	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6210	6216	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6211	6215	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
6212	6212	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6213	6211	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6214	6213	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
6215	6220	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6216	6222	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6217	6221	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
6218	6217	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6219	6218	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6220	6219	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
6221	6225	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
6222	6226	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
6223	6227	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
6224	6228	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
6225	6111	Beam	Angle	0.00	4	4	1	-	-	-	0.002	Y
6226	6125	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
6227	6229	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
6228	6230	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
6229	8840	Beam	Angle	0.00	6	6	-	-	12	-	0.205	Z
6230	8841	Beam	Angle	0.00	6	6	-	-	12	-	0.500	Z
6231	8842	Beam	Angle	0.00	6	6	-	-	12	-	0.005	Z
6232	6232	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
6233	6233	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
6234	6234	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
6235	6235	Beam	Angle	0.00	4	4	1	1	-	-	1.200	X
6236	6236	Beam	Angle	0.00	4	4	1	1	-	-	1.200	X
6237	6237	Beam	Angle	0.00	4	4	1	1	-	-	1.200	X
6238	6238	Beam	Angle	0.00	4	4	1	1	-	-	1.200	X
6239	6239	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
6240	6240	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
6241	6241	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
6242	6242	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
6243	6243	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
6244	6244	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
6245	6245	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
6246	6246	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
6247	6247	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
6248	6248	Beam	Angle	0.00	4	4	1	1	-	-	0.960	X
6249	6249	Beam	Angle	0.00	4	4	1	1	-	-	0.960	X
6250	6250	Beam	Angle	0.00	4	4	1	1	-	-	0.960	X
6251	6251	Beam	Angle	0.00	4	4	1	1	-	-	0.960	X
6252	6252	Beam	Angle	0.00	8	8	-	-	-	-	0.160	Z
6253	6253	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
6254	6254	Beam	Angle	0.00	2	2	-	-	-	-	0.240	Z
6255	6255	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6256	6256	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
6257	6257	Beam	Angle	0.00	8	8	-	-	-	-	0.160	Z
6258	6258	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
6259	6259	Beam	Angle	0.00	2	2	-	-	-	-	0.240	Z
6260	6260	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6261	6261	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
6262	6262	Beam	Angle	0.00	8	8	-	-	-	-	0.160	Z
6263	6263	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
6264	6264	Beam	Angle	0.00	2	2	-	-	-	-	0.240	Z
6265	6265	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6266	6266	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
6267	6267	Beam	Angle	0.00	8	8	-	-	-	-	0.160	Z
6268	6268	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
6269	6269	Beam	Angle	0.00	2	2	-	-	-	-	0.240	Z
6270	6270	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6271	6271	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
6272	6272	Beam	Angle	0.00	8	8	-	-	-	-	0.160	Z
6273	6273	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
6274	6274	Beam	Angle	0.00	2	2	-	-	-	-	0.240	Z
6275	6275	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
6276	6276	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
6277	6277	Beam	Angle	0.00	8	8	-	-	-	-	0.160	Z
6278	6278	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
6279	6279	Beam	Angle	0.00	2	2	-	-	-	-	0.240	Z
6280	6280	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
6281	6281	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
6282	6282	Beam	Angle	0.00	8	8	-	-	-	-	0.160	Z
6283	6283	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
6284	6284	Beam	Angle	0.00	2	2	-	-	-	-	0.240	Z
6285	6285	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
6286	6286	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
6287	6287	Beam	Angle	0.00	8	8	-	-	-	-	0.160	Z
6288	6288	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
6289	6289	Beam	Angle	0.00	2	2	-	-	-	-	0.240	Z
6290	6290	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
6291	6291	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
6292	6292	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6293	6305	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
6294	6306	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
6295	6307	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
6296	6308	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
6297	6309	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
6298	6310	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
6299	6311	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
6300	6312	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
6301	6313	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
6302	6314	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
6303	6315	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
6304	6316	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
6305	6293	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
6306	6294	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
6307	6295	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
6308	6296	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
6309	6297	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
6310	6298	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
6311	6299	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
6312	6300	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
6313	6301	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
6314	6302	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
6315	6303	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
6316	6304	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
6317	9155	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
6318	9167	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
6319	6319	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
6320	6320	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6321	6321	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6322	6322	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
6323	9166	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
6324	6324	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
6325	6325	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6326	6326	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6327	9172	Beam	Angle	0.00	6	6	-	-	12	-	0.295	Z
6328	6328	Beam	Angle	0.00	1	1	-	-	-	-	0.550	Z
6329	6329	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6330	6330	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6331	6331	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6332	9173	Beam	Angle	0.00	6	6	-	-	12	-	0.500	Z
6333	6333	Beam	Angle	0.00	1	1	-	-	-	-	0.550	Z
6334	6334	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6335	6335	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6336	6336	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6337	6342	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6338	6343	Beam	Angle	0.00	1	1	-	-	-	-	0.550	Z
6339	6344	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
6340	6345	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6341	6346	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6342	6337	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6343	6338	Beam	Angle	0.00	1	1	-	-	-	-	0.550	Z
6344	6339	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
6345	6340	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6346	6341	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6347	6347	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6348	6348	Beam	Angle	0.00	1	1	-	-	-	-	0.550	Z
6349	6349	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
6350	6350	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6351	6351	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6352	6352	Beam	Angle	0.00	1	1	-	-	-	-	0.550	Z
6353	6353	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
6354	6354	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6355	6355	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6356	6356	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
6357	6357	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
6358	6358	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
6359	6359	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
6360	6360	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
6361	6361	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
6362	6362	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
6363	6363	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
6364	6366	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
6365	6367	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6366	6364	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
6367	6365	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6368	6368	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
6369	6369	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6370	6374	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
6371	6375	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6372	6376	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
6373	6377	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6374	6372	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
6375	6373	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6376	6378	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
6377	6379	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6378	6370	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
6379	6371	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6380	6380	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6381	6381	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6382	6382	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6383	6383	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6384	6384	Beam	Angle	0.00	3	3	1	1	-	-	1.700	
6385	6385	Beam	Angle	0.00	3	3	1	1	-	-	1.700	
6386	6386	Beam	Angle	0.00	3	3	1	1	-	-	1.700	
6387	6387	Beam	Angle	0.00	3	3	1	1	-	-	1.700	
6388	6388	Beam	Angle	0.00	3	3	1	1	-	-	1.700	
6389	6389	Beam	Angle	0.00	3	3	1	1	-	-	1.700	
6390	6390	Beam	Angle	0.00	3	3	1	1	-	-	1.700	
6391	6391	Beam	Angle	0.00	3	3	1	1	-	-	1.700	
6392	6392	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6393	6393	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
6394	6394	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6395	6395	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6396	6397	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6397	6396	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6398	6399	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6399	6398	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6400	6400	Beam	Angle	0.00	3	3	1	1	-	-	1.700	
6401	6401	Beam	Angle	0.00	3	3	1	1	-	-	1.700	
6402	6402	Beam	Angle	0.00	3	3	1	1	-	-	1.700	
6403	6403	Beam	Angle	0.00	3	3	1	-	-	-	0.293	
6404	6404	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6405	6405	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6406	6407	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6407	6406	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6408	6408	Beam	Angle	0.00	8	8	-	-	-	-	0.160	Z
6409	6409	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
6410	6410	Beam	Angle	0.00	2	2	-	-	-	-	0.240	Z
6411	6411	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6412	6412	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
6413	6413	Beam	Angle	0.00	8	8	-	-	-	-	0.160	Z
6414	6414	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
6415	6415	Beam	Angle	0.00	2	2	-	-	-	-	0.240	Z
6416	6416	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6417	6417	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
6418	6418	Beam	Angle	0.00	8	8	-	-	-	-	0.160	Z
6419	6419	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
6420	6420	Beam	Angle	0.00	2	2	-	-	-	-	0.240	Z
6421	6421	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6422	6422	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
6423	6423	Beam	Angle	0.00	8	8	-	-	-	-	0.160	Z
6424	6424	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
6425	6425	Beam	Angle	0.00	2	2	-	-	-	-	0.240	Z
6426	6426	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6427	6427	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
6428	6428	Beam	Angle	0.00	8	8	-	-	-	-	0.160	Z
6429	6429	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
6430	6430	Beam	Angle	0.00	2	2	-	-	-	-	0.240	Z
6431	6431	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
6432	6432	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
6433	6433	Beam	Angle	0.00	8	8	-	-	-	-	0.160	Z
6434	6434	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
6435	6435	Beam	Angle	0.00	2	2	-	-	-	-	0.240	Z
6436	6436	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
6437	6437	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
6438	6438	Beam	Angle	0.00	8	8	-	-	-	-	0.160	Z
6439	6439	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
6440	6440	Beam	Angle	0.00	2	2	-	-	-	-	0.240	Z
6441	6441	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
6442	6442	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
6443	6443	Beam	Angle	0.00	8	8	-	-	-	-	0.160	Z
6444	6444	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
6445	6445	Beam	Angle	0.00	2	2	-	-	-	-	0.240	Z
6446	6446	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
6447	6447	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
6448	6448	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6449	6461	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
6450	6462	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
6451	6463	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
6452	6464	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
6453	6465	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
6454	6466	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
6455	6467	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
6456	6468	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
6457	6469	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
6458	6470	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
6459	6471	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
6460	6472	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
6461	6449	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
6462	6450	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
6463	6451	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
6464	6452	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
6465	6453	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
6466	6454	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
6467	6455	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
6468	6456	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
6469	6457	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
6470	6458	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
6471	6459	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
6472	6460	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
6473	6473	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
6474	6474	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
6475	6475	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
6476	6476	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6477	6477	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6478	6478	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
6479	6479	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
6480	6480	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
6481	6481	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6482	6482	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6483	6483	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6484	6484	Beam	Angle	0.00	1	1	-	-	-	-	0.550	Z
6485	6485	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6486	6486	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6487	6487	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
6488	6488	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6489	6489	Beam	Angle	0.00	1	1	-	-	-	-	0.550	Z
6490	6490	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6491	6491	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6492	6492	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6493	6498	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6494	6499	Beam	Angle	0.00	1	1	-	-	-	-	0.550	Z
6495	6500	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
6496	6501	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6497	6502	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6498	6493	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6499	6494	Beam	Angle	0.00	1	1	-	-	-	-	0.550	Z
6500	6495	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
6501	6496	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6502	6497	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6503	6503	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6504	6504	Beam	Angle	0.00	1	1	-	-	-	-	0.550	YZ
6505	6505	Beam	Angle	0.00	1	1	-	-	-	-	0.650	YZ
6506	6506	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6507	6507	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6508	6508	Beam	Angle	0.00	1	1	-	-	-	-	0.550	YZ
6509	6509	Beam	Angle	0.00	1	1	-	-	-	-	0.650	YZ
6510	6510	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6511	6511	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6512	6512	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
6513	6513	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
6514	6514	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
6515	6515	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
6516	6516	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
6517	6517	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
6518	6518	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
6519	6519	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
6520	6522	Beam	Angle	0.00	1	1	-	-	-	-	0.650	YZ
6521	6523	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6522	6520	Beam	Angle	0.00	1	1	-	-	-	-	0.650	YZ
6523	6521	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6524	6524	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
6525	6525	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6526	6530	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
6527	6531	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6528	6532	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
6529	6533	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6530	6528	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
6531	6529	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6532	6534	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
6533	6535	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6534	6526	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
6535	6527	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6536	6536	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6537	6537	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6538	6538	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6539	6539	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6540	6540	Beam	Angle	0.00	3	3	1	1	-	-	1.700	
6541	6541	Beam	Angle	0.00	3	3	1	1	-	-	1.700	
6542	6542	Beam	Angle	0.00	3	3	1	1	-	-	1.700	
6543	6543	Beam	Angle	0.00	3	3	1	1	-	-	1.700	
6544	6544	Beam	Angle	0.00	3	3	1	1	-	-	1.700	
6545	6545	Beam	Angle	0.00	3	3	1	1	-	-	1.700	
6546	6546	Beam	Angle	0.00	3	3	1	1	-	-	1.700	
6547	6547	Beam	Angle	0.00	3	3	1	1	-	-	1.700	
6548	6548	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6549	6549	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6550	6550	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6551	6551	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6552	6553	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6553	6552	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6554	6555	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6555	6554	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6556	6556	Beam	Angle	0.00	3	3	1	1	-	-	1.700	
6557	6557	Beam	Angle	0.00	3	3	1	1	-	-	1.700	
6558	6558	Beam	Angle	0.00	3	3	1	1	-	-	1.700	
6559	6559	Beam	Angle	0.00	3	3	1	1	-	-	1.700	
6560	6560	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6561	6561	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6562	6563	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6563	6562	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6564	6581	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
6565	6585	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
6566	6577	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
6567	6578	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
6568	6579	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
6569	6565	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
6570	6580	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
6571	10984	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
6572	10985	Beam	Angle	0.00	2	2	-	-	-	-	0.200	Z
6573	6575	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
6574	6574	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
6575	6569	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
6576	6566	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
6577	6570	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
6578	6567	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
6579	6571	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
6580	6572	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
6581	6568	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
6582	6573	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
6583	6586	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
6584	6587	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
6585	6588	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
6586	6589	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
6587	6590	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
6588	6591	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
6589	6592	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
6590	6593	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
6591	6594	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
6592	6595	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
6593	10986	Beam	Angle	0.00	2	2	-	-	-	-	0.050	Z
6594	6620	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
6595	6621	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
6596	6622	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
6597	6623	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
6598	6624	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
6599	6612	Beam	Angle	0.00	3	3	-	1	-	-	0.852	XZ
6600	6611	Beam	Angle	0.00	3	3	-	1	-	-	0.852	XZ
6601	6615	Beam	Angle	0.00	3	3	-	1	-	-	0.852	XZ
6602	6616	Beam	Angle	0.00	3	3	-	1	-	-	0.852	XZ
6603	10987	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
6604	10988	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
6605	6617	Beam	Angle	0.00	1	1	-	-	-	-	0.380	Z
6606	6619	Beam	Angle	0.00	1	1	-	-	-	-	0.380	Z
6607	6618	Beam	Angle	0.00	1	1	-	-	-	-	0.470	Z
6608	6598	Beam	Angle	0.00	1	1	-	-	-	-	0.380	Z
6609	6610	Beam	Angle	0.00	1	1	-	-	-	-	0.380	Z
6610	10989	Beam	Angle	0.00	3	3	1	1	-	-	1.705	XZ
6611	10990	Beam	Angle	0.00	3	3	1	1	-	-	1.705	XZ
6612	6607	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
6613	6606	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
6614	6603	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
6615	6601	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
6616	6600	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
6617	6599	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
6618	6602	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
6619	6604	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
6620	6605	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
6621	6608	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
6622	6645	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
6623	6646	Beam	Angle	0.00	7	7	-	-	16	-	0.600	X
6624	6647	Beam	Angle	0.00	7	7	-	-	16	-	0.960	X
6625	6648	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
6626	6649	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
6627	6650	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
6628	6651	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
6629	6652	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
6630	6653	Beam	Angle	0.00	12	12	-	-	16	-	0.958	X
6631	6654	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
6632	6655	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
6633	6656	Beam	Angle	0.00	7	7	-	-	16	-	0.600	X
6634	6657	Beam	Angle	0.00	7	7	-	-	16	-	0.960	X
6635	6658	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
6636	6659	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
6637	6660	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
6638	6661	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
6639	6662	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
6640	6663	Beam	Angle	0.00	12	12	-	-	16	-	0.958	X
6641	6664	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
6642	6665	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
6643	6666	Beam	Angle	0.00	7	7	-	-	16	-	0.600	X
6644	6667	Beam	Angle	0.00	7	7	-	-	16	-	0.960	X
6645	6668	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
6646	6669	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
6647	6670	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
6648	6671	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
6649	6672	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
6650	6673	Beam	Angle	0.00	12	12	-	-	16	-	0.958	X
6651	6674	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
6652	6675	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
6653	6676	Beam	Angle	0.00	7	7	-	-	16	-	0.600	X
6654	6677	Beam	Angle	0.00	7	7	-	-	16	-	0.960	X
6655	6694	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
6656	6695	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
6657	6700	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
6658	6701	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
6659	6702	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
6660	6703	Beam	Angle	0.00	12	12	-	-	16	-	0.958	X
6661	6704	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
6662	6705	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
6663	6706	Beam	Angle	0.00	7	7	-	-	16	-	0.600	X
6664	6707	Beam	Angle	0.00	7	7	-	-	16	-	0.960	X
6665	6708	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
6666	6723	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
6667	6724	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
6668	6725	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
6669	6748	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
6670	6751	Beam	Angle	0.00	12	12	-	-	16	-	0.958	X
6671	6752	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
6672	6753	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
6673	6754	Beam	Angle	0.00	7	7	-	-	16	-	0.600	X
6674	6755	Beam	Angle	0.00	7	7	-	-	16	-	0.960	X
6675	6756	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
6676	6779	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
6677	6782	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
6678	6678	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6679	6679	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6680	5435	Beam	Angle	0.00	1	1	-	-	-	-	0.022	Z
6681	6680	Beam	Angle	0.00	1	1	-	-	-	-	0.550	Z
6682	6682	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6683	6683	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6684	7022	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6685	7046	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6686	5431	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
6687	6686	Beam	Angle	0.00	1	1	-	-	-	-	0.024	Z
6688	6688	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6689	6689	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6690	6690	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6691	6691	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6692	6692	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6693	6693	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6694	6783	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
6695	6784	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
6696	6696	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6697	6697	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6698	6698	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6699	6699	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6700	6785	Beam	Angle	0.00	12	12	-	-	16	-	0.958	X
6701	6786	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
6702	7172	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
6703	7178	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
6704	7183	Beam	Angle	0.00	6	6	-	-	2	-	0.197	Y
6705	7156	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
6706	7161	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
6707	7167	Beam	Angle	0.00	6	6	-	-	2	-	0.197	Y
6708	7139	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
6709	6709	Beam	Angle	90.00	6	6	-	-	10	-	0.200	Z
6710	6710	Beam	Angle	90.00	6	6	-	-	10	-	0.125	Z
6711	6711	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
6712	6712	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
6713	6713	Beam	Angle	90.00	6	6	-	-	10	-	0.175	Z
6714	6714	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
6715	6715	Beam	Angle	90.00	6	6	-	-	10	-	0.385	Z
6716	6716	Beam	Angle	90.00	6	6	-	-	10	-	0.200	Z
6717	8553	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
6718	6718	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
6719	8558	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6720	6720	Beam	Angle	90.00	6	6	-	-	10	-	0.200	Z
6721	6893	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
6722	6722	Beam	Angle	90.00	6	6	-	-	10	-	0.200	Z
6723	7145	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
6724	7150	Beam	Angle	0.00	6	6	-	-	2	-	0.197	Y
6725	7247	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
6726	6726	Beam	Angle	90.00	6	6	-	-	10	-	0.200	Z
6727	6727	Beam	Angle	90.00	6	6	-	-	10	-	0.125	Z
6728	6728	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
6729	6729	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
6730	6730	Beam	Angle	90.00	6	6	-	-	10	-	0.175	Z
6731	6731	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
6732	6732	Beam	Angle	90.00	6	6	-	-	10	-	0.385	Z
6733	6733	Beam	Angle	90.00	6	6	-	-	10	-	0.200	Z
6734	8554	Beam	Angle	0.00	1	1	-	-	-	-	0.130	Z
6735	6735	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
6736	8559	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6737	6737	Beam	Angle	90.00	6	6	-	-	10	-	0.200	Z
6738	6862	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
6739	6739	Beam	Angle	90.00	6	6	-	-	10	-	0.200	Z
6740	6740	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6741	6687	Beam	Angle	0.00	13	13	1	-	-	-	0.065	YZ
6742	6742	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6743	8560	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6744	6772	Beam	Angle	0.00	3	3	-	1	-	-	0.249	XZ
6745	6745	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6746	6746	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6747	6747	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6748	7248	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
6749	6749	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6750	6750	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6751	7249	Beam	Angle	0.00	6	6	-	-	2	-	0.197	Y
6752	7244	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
6753	7245	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
6754	7246	Beam	Angle	0.00	6	6	-	-	2	-	0.197	Y
6755	7189	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
6756	7194	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
6757	6757	Beam	Angle	90.00	6	6	-	-	10	-	0.200	Z
6758	6758	Beam	Angle	90.00	6	6	-	-	10	-	0.125	Z
6759	6759	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
6760	6760	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
6761	6761	Beam	Angle	90.00	6	6	-	-	10	-	0.175	Z
6762	6762	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
6763	6763	Beam	Angle	90.00	6	6	-	-	10	-	0.385	Z
6764	6764	Beam	Angle	90.00	6	6	-	-	10	-	0.200	Z
6765	8555	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
6766	6766	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
6767	6953	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6768	6768	Beam	Angle	90.00	6	6	-	-	10	-	0.200	Z
6769	6831	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
6770	6770	Beam	Angle	90.00	6	6	-	-	10	-	0.200	Z
6771	6771	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6772	7025	Beam	Angle	0.00	4	4	-	1	-	-	0.182	X
6773	6773	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6774	6960	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6775	6744	Beam	Angle	0.00	4	4	-	1	-	-	1.128	Y
6776	6776	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6777	6777	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6778	6778	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6779	7200	Beam	Angle	0.00	6	6	-	-	2	-	0.197	Y
6780	6780	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6781	6781	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6782	7238	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
6783	7239	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
6784	7240	Beam	Angle	0.00	6	6	-	-	2	-	0.197	Y
6785	7205	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
6786	7211	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
6787	7216	Beam	Angle	0.00	6	6	-	-	2	-	0.197	Y
6788	6788	Beam	Angle	90.00	6	6	-	-	10	-	0.200	Z
6789	6789	Beam	Angle	90.00	6	6	-	-	10	-	0.125	Z
6790	6790	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
6791	6791	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
6792	6792	Beam	Angle	90.00	6	6	-	-	10	-	0.175	Z
6793	6793	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
6794	6794	Beam	Angle	90.00	6	6	-	-	10	-	0.385	Z
6795	6795	Beam	Angle	90.00	6	6	-	-	10	-	0.200	Z
6796	8556	Beam	Angle	0.00	1	1	-	-	-	-	0.130	Z
6797	6797	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
6798	6984	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6799	6799	Beam	Angle	90.00	6	6	-	-	10	-	0.200	Z
6800	6721	Beam	Angle	180.00	6	6	-	-	12	-	0.300	Z
6801	6801	Beam	Angle	90.00	6	6	-	-	10	-	0.200	Z
6802	6802	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6803	6741	Beam	Angle	0.00	1	1	-	-	-	-	0.020	Z
6804	6804	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6805	6991	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6806	6806	Beam	Angle	180.00	6	6	-	-	12	-	0.200	Z
6807	6807	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6808	6808	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6809	6809	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6810	7241	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
6811	6811	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6812	6812	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6813	7242	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
6814	7243	Beam	Angle	0.00	6	6	-	-	2	-	0.197	Y
6815	7222	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
6816	7227	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
6817	7233	Beam	Angle	0.00	6	6	-	-	2	-	0.197	Y
6818	7250	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
6819	6819	Beam	Angle	90.00	6	6	-	-	10	-	0.200	Z
6820	6820	Beam	Angle	90.00	6	6	-	-	10	-	0.125	Z
6821	6821	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
6822	6822	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
6823	6823	Beam	Angle	90.00	6	6	-	-	10	-	0.175	Z
6824	6824	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
6825	6825	Beam	Angle	90.00	6	6	-	-	10	-	0.385	Z
6826	6826	Beam	Angle	90.00	6	6	-	-	10	-	0.200	Z
6827	8557	Beam	Angle	0.00	1	1	-	-	-	-	0.130	Z
6828	6828	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
6829	6774	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6830	6830	Beam	Angle	90.00	6	6	-	-	10	-	0.200	Z
6831	6738	Beam	Angle	180.00	6	6	-	-	12	-	0.300	Z
6832	6832	Beam	Angle	90.00	6	6	-	-	10	-	0.200	Z
6833	6833	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6834	11260	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
6835	6835	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6836	6798	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6837	11259	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
6838	6838	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6839	6839	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6840	6840	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6841	7251	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
6842	6842	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6843	6843	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6844	7252	Beam	Angle	0.00	6	6	-	-	2	-	0.197	Y
6845	7253	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
6846	7254	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
6847	7255	Beam	Angle	0.00	6	6	-	-	2	-	0.197	Y
6848	7256	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
6849	7257	Beam	Angle	0.00	4	4	1	1	-	-	0.952	Y
6850	6850	Beam	Angle	90.00	6	6	-	-	10	-	0.200	Z
6851	6851	Beam	Angle	90.00	6	6	-	-	10	-	0.125	Z
6852	6852	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
6853	6853	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
6854	6854	Beam	Angle	90.00	6	6	-	-	10	-	0.175	Z
6855	6855	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
6856	6856	Beam	Angle	90.00	6	6	-	-	10	-	0.385	Z
6857	6857	Beam	Angle	90.00	6	6	-	-	10	-	0.200	Z
6858	8549	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
6859	6859	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
6860	6805	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6861	6861	Beam	Angle	90.00	6	6	-	-	10	-	0.200	Z
6862	6769	Beam	Angle	180.00	6	6	-	-	12	-	0.300	Z
6863	6863	Beam	Angle	90.00	6	6	-	-	10	-	0.200	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
6864	6864	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6865	11261	Beam	Angle	0.00	1	1	-	-	-	-	0.145	Z
6866	6866	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6867	6922	Beam	Angle	90.00	6	6	-	-	10	-	0.300	Z
6868	11262	Beam	Angle	0.00	1	1	-	-	-	-	0.145	Z
6869	6869	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6870	6870	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6871	6871	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6872	3761	Beam	Angle	90.00	6	6	-	-	10	-	0.375	Z
6873	6873	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6874	6874	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6875	3143	Beam	Angle	90.00	6	6	-	-	10	-	0.375	Z
6876	3764	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
6877	3765	Beam	Angle	0.00	1	1	-	-	-	-	0.450	Z
6878	3766	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
6879	3767	Beam	Angle	0.00	1	1	-	-	-	-	0.450	Z
6880	4891	Beam	Angle	0.00	12	12	-	-	16	-	0.960	X
6881	6881	Beam	Angle	90.00	6	6	-	-	10	-	0.200	Z
6882	6882	Beam	Angle	90.00	6	6	-	-	10	-	0.125	Z
6883	6883	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
6884	6884	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
6885	6885	Beam	Angle	90.00	6	6	-	-	10	-	0.175	Z
6886	6886	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
6887	6887	Beam	Angle	90.00	6	6	-	-	10	-	0.385	Z
6888	6888	Beam	Angle	90.00	6	6	-	-	10	-	0.200	Z
6889	8550	Beam	Angle	0.00	1	1	-	-	-	-	0.130	Z
6890	6890	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
6891	6684	Beam	Angle	90.00	6	6	-	-	10	-	0.300	Z
6892	6892	Beam	Angle	90.00	6	6	-	-	10	-	0.200	Z
6893	6800	Beam	Angle	180.00	6	6	-	-	12	-	0.300	Z
6894	6894	Beam	Angle	90.00	6	6	-	-	10	-	0.200	Z
6895	6895	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6896	11264	Beam	Angle	0.00	1	1	-	-	-	-	0.605	Z
6897	6897	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6898	6685	Beam	Angle	90.00	6	6	-	-	10	-	0.300	Z
6899	11263	Beam	Angle	0.00	1	1	-	-	-	-	0.435	Z
6900	6900	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6901	6901	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6902	6902	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6903	3768	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
6904	6904	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6905	6905	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6906	3769	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
6907	11332	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
6908	11316	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
6909	11323	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
6910	11322	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
6911	11324	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
6912	6912	Beam	Angle	90.00	6	6	-	-	10	-	0.200	Z
6913	6913	Beam	Angle	90.00	6	6	-	-	10	-	0.125	Z
6914	6914	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
6915	6915	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
6916	6916	Beam	Angle	90.00	6	6	-	-	10	-	0.175	Z
6917	6917	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
6918	6918	Beam	Angle	90.00	6	6	-	-	10	-	0.385	Z
6919	6919	Beam	Angle	90.00	6	6	-	-	10	-	0.200	Z
6920	8551	Beam	Angle	0.00	1	1	-	-	-	-	0.130	Z
6921	6921	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
6922	6719	Beam	Angle	90.00	6	6	-	-	10	-	0.300	Z
6923	6923	Beam	Angle	90.00	6	6	-	-	10	-	0.200	Z
6924	8566	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
6925	6925	Beam	Angle	90.00	6	6	-	-	10	-	0.200	Z
6926	6926	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6927	11265	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
6928	6928	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6929	6736	Beam	Angle	90.00	6	6	-	-	10	-	0.300	Z
6930	11266	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
6931	6931	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6932	6932	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6933	6933	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6934	11326	Beam	Angle	0.00	1	1	-	-	-	-	0.450	Z
6935	6935	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6936	6936	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6937	7273	Beam	Angle	0.00	12	12	-	-	16	-	0.960	X
6938	7500	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
6939	11311	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
6940	11334	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
6941	11335	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
6942	11336	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
6943	6943	Beam	Angle	90.00	6	6	-	-	10	-	0.200	Z
6944	6944	Beam	Angle	90.00	6	6	-	-	10	-	0.125	Z
6945	6945	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
6946	6946	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
6947	6947	Beam	Angle	90.00	6	6	-	-	10	-	0.175	Z
6948	6948	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
6949	6949	Beam	Angle	90.00	6	6	-	-	10	-	0.385	Z
6950	6950	Beam	Angle	90.00	6	6	-	-	10	-	0.200	Z
6951	8552	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
6952	6952	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
6953	6743	Beam	Angle	90.00	6	6	-	-	10	-	0.300	Z
6954	6954	Beam	Angle	90.00	6	6	-	-	10	-	0.200	Z
6955	8565	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
6956	6956	Beam	Angle	90.00	6	6	-	-	10	-	0.200	Z
6957	6957	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
6958	11237	Beam	Angle	0.00	1	1	-	-	-	-	0.145	Z
6959	6959	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6960	6829	Beam	Angle	90.00	6	6	-	-	10	-	0.300	Z
6961	11238	Beam	Angle	0.00	1	1	-	-	-	-	0.435	Z
6962	6962	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6963	6963	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6964	6964	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6965	11337	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
6966	6966	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6967	6967	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6968	11338	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
6969	11327	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
6970	7282	Beam	Angle	0.00	12	12	-	-	16	-	0.960	X
6971	11328	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
6972	11330	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
6973	11314	Beam	Angle	0.00	2	2	-	-	-	-	0.150	Z
6974	6974	Beam	Angle	90.00	6	6	-	-	10	-	0.200	Z
6975	6975	Beam	Angle	90.00	6	6	-	-	10	-	0.125	Z
6976	6976	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
6977	6977	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
6978	6978	Beam	Angle	90.00	6	6	-	-	10	-	0.175	Z
6979	6979	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
6980	6980	Beam	Angle	90.00	6	6	-	-	10	-	0.385	Z
6981	6981	Beam	Angle	90.00	6	6	-	-	10	-	0.200	Z
6982	6858	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
6983	6983	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
6984	6836	Beam	Angle	90.00	6	6	-	-	10	-	0.300	Z
6985	6985	Beam	Angle	90.00	6	6	-	-	10	-	0.200	Z
6986	8564	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
6987	6987	Beam	Angle	90.00	6	6	-	-	10	-	0.200	Z
6988	6988	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6989	11239	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
6990	6990	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6991	6860	Beam	Angle	90.00	6	6	-	-	10	-	0.300	Z
6992	11240	Beam	Angle	0.00	1	1	-	-	-	-	0.095	Z
6993	6993	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
6994	10991	Beam	Angle	0.00	3	3	1	-	-	-	0.852	XZ
6995	10992	Beam	Angle	0.00	3	3	1	-	-	-	0.852	XZ
6996	11315	Beam	Angle	0.00	2	2	-	-	-	-	0.150	Z
6997	10993	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
6998	10994	Beam	Angle	0.00	1	1	-	-	-	-	0.090	Z
6999	11329	Beam	Angle	0.00	1	1	-	-	-	-	0.450	Z
7000	11333	Beam	Angle	0.00	1	1	-	-	-	-	0.450	Z
7001	11681	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
7002	11318	Beam	Angle	0.00	1	1	-	-	-	-	0.020	Z
7003	7387	Beam	Angle	0.00	12	12	-	-	16	-	0.960	X
7004	11319	Beam	Angle	0.00	1	1	-	-	-	-	0.020	Z
7005	10995	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
7006	10996	Beam	Angle	0.00	1	1	-	-	-	-	0.090	Z
7007	10997	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
7008	10998	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
7009	11001	Beam	Angle	0.00	1	1	-	-	-	-	0.330	Z
7010	10999	Beam	Angle	0.00	1	1	-	-	-	-	0.060	Z
7011	11000	Beam	Angle	0.00	1	1	-	-	-	-	0.330	Z
7012	11002	Beam	Angle	0.00	1	1	-	-	-	-	0.015	Z
7013	6889	Beam	Angle	0.00	1	1	-	-	-	-	0.130	Z
7014	7014	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
7015	6867	Beam	Angle	90.00	6	6	-	-	10	-	0.300	Z
7016	7016	Beam	Angle	90.00	6	6	-	-	10	-	0.200	Z
7017	6924	Beam	Angle	180.00	6	6	-	-	12	-	0.100	Z
7018	7018	Beam	Angle	90.00	6	6	-	-	10	-	0.200	Z
7019	7019	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
7020	11241	Beam	Angle	0.00	1	1	-	-	-	-	0.305	Z
7021	7021	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
7022	6891	Beam	Angle	90.00	6	6	-	-	10	-	0.300	Z
7023	11242	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
7024	7024	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
7025	7499	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
7026	11343	Beam	Angle	0.00	2	2	-	-	-	-	0.150	Z
7027	11344	Beam	Angle	0.00	1	1	-	-	-	-	0.020	Z
7028	11373	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
7029	11374	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
7030	11375	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
7031	11376	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
7032	7396	Beam	Angle	0.00	12	12	-	-	16	-	0.960	X
7033	11345	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
7034	11346	Beam	Angle	0.00	1	1	-	-	-	-	0.450	Z
7035	11347	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
7036	11353	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
7037	11352	Beam	Angle	0.00	1	1	-	-	-	-	0.450	Z
7038	11348	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
7039	11349	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
7040	11354	Beam	Angle	0.00	1	1	-	-	-	-	0.450	Z
7041	7405	Beam	Angle	0.00	12	12	-	-	16	-	0.960	X
7042	6681	Beam	Angle	0.00	1	1	-	-	-	-	0.550	Z
7043	7043	Beam	Angle	90.00	6	6	-	-	10	-	0.200	Z
7044	6920	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
7045	7045	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
7046	6898	Beam	Angle	90.00	6	6	-	-	10	-	0.300	Z
7047	7047	Beam	Angle	90.00	6	6	-	-	10	-	0.200	Z
7048	6955	Beam	Angle	180.00	6	6	-	-	12	-	0.500	Z
7049	7049	Beam	Angle	90.00	6	6	-	-	10	-	0.200	Z
7050	6775	Beam	Angle	0.00	1	1	-	-	-	-	0.550	Z
7051	7026	Beam	Angle	0.00	1	1	-	-	-	-	0.079	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
7052	7027	Beam	Angle	0.00	13	13	1	1	-	-	1.239	YZ
7053	7029	Beam	Angle	0.00	1	1	-	-	-	-	0.095	Z
7054	7030	Beam	Angle	0.00	13	13	1	1	-	-	1.130	YZ
7055	7031	Beam	Angle	0.00	1	1	-	-	-	-	0.305	Z
7056	11351	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
7057	6803	Beam	Angle	0.00	1	1	-	-	-	-	0.130	Z
7058	7289	Beam	Angle	180.00	6	6	-	-	12	-	0.100	Z
7059	6834	Beam	Angle	0.00	1	1	-	-	-	-	0.330	Z
7060	7293	Beam	Angle	0.00	13	13	1	-	-	-	0.065	YZ
7061	7033	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7062	7034	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7063	7035	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7064	7036	Beam	Angle	0.00	10	10	-	-	17	-	0.960	X
7065	7037	Beam	Angle	0.00	10	10	-	-	17	-	0.300	X
7066	7038	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7067	11355	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
7068	7040	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7069	7041	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7070	7042	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7071	7050	Beam	Angle	0.00	10	10	-	-	17	-	0.958	X
7072	7051	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7073	7052	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7074	7053	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7075	7054	Beam	Angle	0.00	10	10	-	-	17	-	0.960	X
7076	7055	Beam	Angle	0.00	10	10	-	-	17	-	0.300	X
7077	7056	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7078	11350	Beam	Angle	0.00	1	1	-	-	-	-	0.450	Z
7079	7058	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7080	7059	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7081	7060	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7082	7061	Beam	Angle	0.00	10	10	-	-	17	-	0.958	X
7083	7062	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
7084	7063	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
7085	7064	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
7086	7065	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
7087	11003	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
7088	7067	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
7089	11356	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
7090	7869	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
7091	7886	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
7092	7893	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
7093	7069	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
7094	7073	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7095	7074	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7096	7075	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7097	7076	Beam	Angle	0.00	10	10	-	-	17	-	0.960	X
7098	7077	Beam	Angle	0.00	10	10	-	-	17	-	0.300	X
7099	7078	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7100	11357	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
7101	7080	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7102	7081	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7103	7082	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7104	7083	Beam	Angle	0.00	10	10	-	-	17	-	0.958	X
7105	7084	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7106	7085	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7107	7086	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7108	7087	Beam	Angle	0.00	10	10	-	-	17	-	0.960	X
7109	7088	Beam	Angle	0.00	10	10	-	-	17	-	0.300	X
7110	7089	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7111	11359	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
7112	7091	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7113	7092	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7114	7093	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7115	7094	Beam	Angle	0.00	10	10	-	-	17	-	0.958	X
7116	7095	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7117	7096	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7118	7097	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7119	7098	Beam	Angle	0.00	10	10	-	-	17	-	0.960	X
7120	7099	Beam	Angle	0.00	10	10	-	-	17	-	0.300	X
7121	7100	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7122	11358	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
7123	7102	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7124	7103	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7125	7104	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7126	7105	Beam	Angle	0.00	10	10	-	-	17	-	0.958	X
7127	7106	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7128	7107	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7129	7108	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7130	7109	Beam	Angle	0.00	10	10	-	-	17	-	0.960	X
7131	7110	Beam	Angle	0.00	10	10	-	-	17	-	0.300	X
7132	7111	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7133	11360	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
7134	7113	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7135	7114	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7136	7115	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7137	7116	Beam	Angle	0.00	10	10	-	-	17	-	0.958	X
7138	7117	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7139	7118	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7140	7119	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7141	7120	Beam	Angle	0.00	10	10	-	-	17	-	0.960	X
7142	7121	Beam	Angle	0.00	10	10	-	-	17	-	0.300	X
7143	7122	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7144	7414	Beam	Angle	0.00	12	12	-	-	16	-	0.960	X
7145	7124	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
7146	7125	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7147	7126	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7148	7127	Beam	Angle	0.00	10	10	-	-	17	-	0.958	X
7149	7128	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7150	7129	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7151	7130	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7152	7131	Beam	Angle	0.00	10	10	-	-	17	-	0.960	X
7153	7132	Beam	Angle	0.00	10	10	-	-	17	-	0.300	X
7154	7133	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7155	11361	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
7156	7135	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7157	7136	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7158	7137	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7159	7138	Beam	Angle	0.00	10	10	-	-	17	-	0.958	X
7160	6837	Beam	Angle	0.00	1	1	-	-	-	-	0.330	Z
7161	7140	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7162	7141	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7163	7142	Beam	Angle	0.00	10	10	-	-	17	-	0.960	X
7164	7143	Beam	Angle	0.00	10	10	-	-	17	-	0.300	X
7165	7144	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7166	11362	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
7167	7146	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7168	7147	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7169	7148	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7170	7149	Beam	Angle	0.00	10	10	-	-	17	-	0.958	X
7171	7295	Beam	Angle	0.00	13	13	1	1	-	-	1.239	YZ
7172	7151	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7173	7152	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7174	7153	Beam	Angle	0.00	10	10	-	-	17	-	0.960	X
7175	7154	Beam	Angle	0.00	10	10	-	-	17	-	0.300	X
7176	7155	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7177	11363	Beam	Angle	0.00	2	2	-	-	-	-	0.270	Z
7178	7157	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7179	7158	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7180	7159	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7181	7160	Beam	Angle	0.00	10	10	-	-	17	-	0.958	X
7182	7296	Beam	Angle	0.00	13	13	1	1	-	-	1.130	YZ
7183	7162	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7184	7163	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7185	7164	Beam	Angle	0.00	10	10	-	-	17	-	0.960	X
7186	7165	Beam	Angle	0.00	10	10	-	-	17	-	0.300	X
7187	7166	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7188	11364	Beam	Angle	0.00	2	2	-	-	-	-	0.270	Z
7189	7168	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7190	7169	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7191	7170	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7192	7171	Beam	Angle	0.00	10	10	-	-	17	-	0.958	X
7193	6865	Beam	Angle	0.00	1	1	-	-	-	-	0.550	Z
7194	7173	Beam	Angle	0.00	10	10	-	-	17	-	0.960	X
7195	7174	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7196	7175	Beam	Angle	0.00	10	10	-	-	17	-	0.960	X
7197	7176	Beam	Angle	0.00	10	10	-	-	17	-	0.300	X
7198	7177	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7199	11365	Beam	Angle	0.00	2	2	-	-	-	-	0.270	Z
7200	7179	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7201	7180	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7202	7181	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7203	7182	Beam	Angle	0.00	10	10	-	-	17	-	0.958	X
7204	6868	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
7205	7066	Beam	Angle	0.00	10	10	-	-	17	-	0.300	X
7206	7185	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7207	7186	Beam	Angle	0.00	10	10	-	-	17	-	0.960	X
7208	7187	Beam	Angle	0.00	10	10	-	-	17	-	0.300	X
7209	7188	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7210	11366	Beam	Angle	0.00	2	2	-	-	-	-	0.270	Z
7211	7190	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7212	7191	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7213	7192	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7214	7193	Beam	Angle	0.00	10	10	-	-	17	-	0.958	X
7215	7890	Beam	Angle	0.00	13	13	1	-	-	-	0.065	YZ
7216	7195	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7217	7196	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7218	7197	Beam	Angle	0.00	10	10	-	-	17	-	0.960	X
7219	7198	Beam	Angle	0.00	10	10	-	-	17	-	0.300	X
7220	7199	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7221	11367	Beam	Angle	0.00	2	2	-	-	-	-	0.270	Z
7222	7201	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7223	7202	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7224	7203	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7225	7204	Beam	Angle	0.00	10	10	-	-	17	-	0.958	X
7226	6896	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
7227	7206	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7228	7207	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7229	7208	Beam	Angle	0.00	10	10	-	-	17	-	0.960	X
7230	7209	Beam	Angle	0.00	10	10	-	-	17	-	0.300	X
7231	7210	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7232	11371	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
7233	7212	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7234	7213	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7235	7214	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7236	7215	Beam	Angle	0.00	10	10	-	-	17	-	0.958	X
7237	7921	Beam	Angle	0.00	13	13	1	1	-	-	1.239	YZ
7238	7217	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7239	7218	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
7240	7219	Beam	Angle	0.00	10	10	-	-	17	-	0.960	X
7241	7220	Beam	Angle	0.00	10	10	-	-	17	-	0.300	X
7242	7221	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7243	7440	Beam	Angle	0.00	12	12	-	-	16	-	0.960	X
7244	7223	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7245	7224	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7246	7225	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7247	7226	Beam	Angle	0.00	10	10	-	-	17	-	0.958	X
7248	7967	Beam	Angle	0.00	13	13	1	1	-	-	1.130	YZ
7249	7228	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7250	7229	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7251	7230	Beam	Angle	0.00	10	10	-	-	17	-	0.960	X
7252	7231	Beam	Angle	0.00	10	10	-	-	17	-	0.300	X
7253	7232	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7254	11370	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
7255	7234	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7256	7235	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7257	7236	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
7258	7237	Beam	Angle	0.00	10	10	-	-	17	-	0.958	X
7259	7986	Beam	Angle	0.00	1	1	-	-	-	-	0.130	Z
7260	11369	Beam	Angle	0.00	1	1	-	-	-	-	0.020	Z
7261	11368	Beam	Angle	0.00	1	1	-	-	-	-	0.020	Z
7262	11372	Beam	Angle	0.00	1	1	-	-	-	-	0.020	Z
7263	11378	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
7264	11379	Beam	Angle	0.00	2	2	-	-	-	-	0.135	Z
7265	11377	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
7266	11380	Beam	Angle	0.00	1	1	-	-	-	-	0.020	Z
7267	7452	Beam	Angle	0.00	12	12	-	-	16	-	0.960	X
7268	11387	Beam	Angle	0.00	1	1	-	-	-	-	0.180	Z
7269	11386	Beam	Angle	0.00	1	1	-	-	-	-	0.180	Z
7270	6899	Beam	Angle	0.00	1	1	-	-	-	-	0.130	Z
7271	11389	Beam	Angle	0.00	1	1	-	-	-	-	0.180	Z
7272	11388	Beam	Angle	0.00	1	1	-	-	-	-	0.180	Z
7273	11385	Beam	Angle	0.00	1	1	-	-	-	-	0.180	Z
7274	11390	Beam	Angle	0.00	13	13	1	1	-	-	1.244	YZ
7275	11381	Beam	Angle	0.00	13	13	1	1	-	-	1.244	YZ
7276	11383	Beam	Angle	0.00	13	13	1	1	-	-	1.244	YZ
7277	7471	Beam	Angle	0.00	12	12	-	-	16	-	0.960	X
7278	7594	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7279	7595	Beam	Angle	0.00	6	6	-	-	2	-	0.321	Y
7280	7592	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7281	7311	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
7282	7593	Beam	Angle	0.00	6	6	-	-	2	-	0.321	Y
7283	7596	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7284	7597	Beam	Angle	0.00	6	6	-	-	2	-	0.321	Y
7285	7598	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7286	7599	Beam	Angle	0.00	6	6	-	-	2	-	0.321	Y
7287	7602	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7288	7603	Beam	Angle	0.00	6	6	-	-	2	-	0.321	Y
7289	7604	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7290	7605	Beam	Angle	0.00	6	6	-	-	2	-	0.321	Y
7291	7606	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7292	7312	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
7293	7607	Beam	Angle	0.00	6	6	-	-	2	-	0.321	Y
7294	7610	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7295	7611	Beam	Angle	0.00	6	6	-	-	2	-	0.321	Y
7296	7600	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7297	7601	Beam	Angle	0.00	6	6	-	-	2	-	0.321	Y
7298	7640	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7299	7641	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7300	7642	Beam	Angle	0.00	6	6	-	-	2	-	0.248	Y
7301	7625	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7302	7626	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7303	7301	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
7304	7302	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
7305	7303	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
7306	7304	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
7307	7305	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
7308	7306	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
7309	7307	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
7310	7308	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
7311	7309	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
7312	7310	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
7313	7323	Beam	Angle	90.00	6	6	-	-	10	-	0.300	Z
7314	7324	Beam	Angle	90.00	6	6	-	-	10	-	0.300	Z
7315	7313	Beam	Angle	90.00	6	6	-	-	10	-	0.300	Z
7316	7314	Beam	Angle	90.00	6	6	-	-	10	-	0.300	Z
7317	7315	Beam	Angle	90.00	6	6	-	-	10	-	0.300	Z
7318	7316	Beam	Angle	90.00	6	6	-	-	10	-	0.300	Z
7319	7317	Beam	Angle	90.00	6	6	-	-	10	-	0.300	Z
7320	7318	Beam	Angle	90.00	6	6	-	-	10	-	0.300	Z
7321	7319	Beam	Angle	90.00	6	6	-	-	10	-	0.300	Z
7322	7320	Beam	Angle	90.00	6	6	-	-	10	-	0.300	Z
7323	7321	Beam	Angle	90.00	6	6	-	-	10	-	0.300	Z
7324	7322	Beam	Angle	90.00	6	6	-	-	10	-	0.300	Z
7325	7335	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
7326	7336	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
7327	7325	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
7328	7326	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
7329	7327	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
7330	7328	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
7331	7329	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
7332	7330	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
7333	7331	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
7334	7332	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
7335	7333	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
7336	7334	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
7337	7347	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
7338	7348	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
7339	7337	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
7340	7338	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
7341	7339	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
7342	7340	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
7343	7341	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
7344	7342	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
7345	7343	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
7346	7344	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
7347	7345	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
7348	7346	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
7349	7359	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
7350	7360	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
7351	7349	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
7352	7350	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
7353	7351	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
7354	7352	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
7355	7353	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
7356	7354	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
7357	7355	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
7358	7356	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
7359	7357	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
7360	7358	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
7361	7382	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
7362	7381	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
7363	7384	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
7364	7383	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
7365	7362	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
7366	7361	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
7367	7364	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
7368	7363	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
7369	7365	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
7370	7366	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
7371	7368	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
7372	7367	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
7373	7369	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
7374	7370	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
7375	7371	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
7376	7372	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
7377	7373	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
7378	7374	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
7379	7375	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
7380	7376	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
7381	7377	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
7382	7378	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
7383	7379	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
7384	7380	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
7385	7442	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
7386	7627	Beam	Angle	0.00	6	6	-	-	2	-	0.248	Y
7387	7441	Beam	Angle	90.00	6	6	-	-	10	-	0.315	Z
7388	7439	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
7389	7622	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7390	7444	Beam	Angle	90.00	6	6	-	-	10	-	0.315	Z
7391	7416	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
7392	7623	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7393	7415	Beam	Angle	90.00	6	6	-	-	10	-	0.315	Z
7394	7418	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
7395	7624	Beam	Angle	0.00	6	6	-	-	2	-	0.248	Y
7396	7420	Beam	Angle	90.00	6	6	-	-	10	-	0.315	Z
7397	7421	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
7398	7628	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7399	7423	Beam	Angle	90.00	6	6	-	-	10	-	0.315	Z
7400	7425	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
7401	7629	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7402	7424	Beam	Angle	90.00	6	6	-	-	10	-	0.315	Z
7403	7427	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
7404	7630	Beam	Angle	0.00	6	6	-	-	2	-	0.248	Y
7405	7429	Beam	Angle	90.00	6	6	-	-	10	-	0.315	Z
7406	7430	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
7407	7631	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7408	7432	Beam	Angle	90.00	6	6	-	-	10	-	0.315	Z
7409	7433	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
7410	7632	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7411	7435	Beam	Angle	90.00	6	6	-	-	10	-	0.315	Z
7412	7437	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
7413	7633	Beam	Angle	0.00	6	6	-	-	2	-	0.248	Y
7414	7436	Beam	Angle	90.00	6	6	-	-	10	-	0.315	Z
7415	7634	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7416	7635	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7417	7636	Beam	Angle	0.00	6	6	-	-	2	-	0.248	Y
7418	7637	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7419	7638	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7420	7639	Beam	Angle	0.00	6	6	-	-	2	-	0.248	Y
7421	7643	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7422	7644	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7423	7645	Beam	Angle	0.00	6	6	-	-	2	-	0.248	Y
7424	7649	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7425	7650	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7426	7651	Beam	Angle	0.00	6	6	-	-	2	-	0.248	Y
7427	7646	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
7428	7647	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7429	7648	Beam	Angle	0.00	6	6	-	-	2	-	0.248	Y
7430	7618	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7431	7619	Beam	Angle	0.00	6	6	-	-	2	-	0.296	Y
7432	7612	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7433	7613	Beam	Angle	0.00	6	6	-	-	2	-	0.296	Y
7434	7614	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7435	7615	Beam	Angle	0.00	6	6	-	-	2	-	0.296	Y
7436	7620	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7437	7621	Beam	Angle	0.00	6	6	-	-	2	-	0.296	Y
7438	7616	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7439	7617	Beam	Angle	0.00	6	6	-	-	2	-	0.296	Y
7440	7656	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7441	7657	Beam	Angle	0.00	6	6	-	-	2	-	0.296	Y
7442	7660	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7443	7661	Beam	Angle	0.00	6	6	-	-	2	-	0.296	Y
7444	7658	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7445	7464	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
7446	7463	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
7447	7455	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
7448	7456	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
7449	7457	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
7450	7458	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
7451	7459	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
7452	7460	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
7453	7461	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
7454	7462	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
7455	7659	Beam	Angle	0.00	6	6	-	-	2	-	0.296	Y
7456	7652	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7457	7653	Beam	Angle	0.00	6	6	-	-	2	-	0.296	Y
7458	7654	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7459	7655	Beam	Angle	0.00	6	6	-	-	2	-	0.296	Y
7460	7608	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7461	7609	Beam	Angle	0.00	6	6	-	-	2	-	0.321	Y
7462	7482	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7463	7483	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7464	7478	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7465	7479	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7466	7472	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7467	7473	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7468	7476	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7469	7477	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7470	7480	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7471	7481	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7472	7484	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7473	7485	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7474	7486	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7475	7487	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7476	7474	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7477	7475	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7478	7490	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7479	7491	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7480	7488	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7481	7489	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7482	4896	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
7483	4897	Beam	Angle	0.00	7	7	-	-	16	-	1.200	X
7484	4898	Beam	Angle	0.00	7	7	-	-	16	-	0.960	X
7485	4899	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7486	4900	Beam	Angle	0.00	7	7	-	-	16	-	0.960	X
7487	7507	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
7488	4894	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
7489	4893	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
7490	4892	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
7491	7572	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
7492	7569	Beam	Angle	0.00	7	7	-	-	16	-	1.200	X
7493	7570	Beam	Angle	0.00	7	7	-	-	16	-	0.960	X
7494	7571	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7495	7567	Beam	Angle	0.00	7	7	-	-	16	-	0.960	X
7496	7519	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
7497	7575	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
7498	7574	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
7499	7573	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
7500	7508	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
7501	7505	Beam	Angle	0.00	7	7	-	-	16	-	1.200	X
7502	7510	Beam	Angle	0.00	7	7	-	-	16	-	0.960	X
7503	7511	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7504	7506	Beam	Angle	0.00	7	7	-	-	16	-	0.960	X
7505	7528	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
7506	7541	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
7507	7512	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
7508	7543	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
7509	7501	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
7510	7516	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
7511	7509	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
7512	7518	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
7513	7502	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
7514	7520	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
7515	7514	Beam	Angle	0.00	7	7	-	-	16	-	1.200	X
7516	7521	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
7517	7503	Beam	Angle	0.00	7	7	-	-	16	-	0.960	X
7518	7523	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
7519	7515	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7520	7536	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
7521	7517	Beam	Angle	0.00	7	7	-	-	16	-	0.960	X

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
7522	7537	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
7523	7548	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
7524	7539	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
7525	7504	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
7526	7532	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
7527	7526	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
7528	7533	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
7529	7524	Beam	Angle	0.00	7	7	-	-	16	-	1.200	X
7530	7525	Beam	Angle	0.00	7	7	-	-	16	-	0.960	X
7531	7534	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7532	7527	Beam	Angle	0.00	7	7	-	-	16	-	0.960	X
7533	7551	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
7534	7513	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
7535	7545	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
7536	7535	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
7537	7546	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
7538	7531	Beam	Angle	0.00	7	7	-	-	16	-	1.200	X
7539	7538	Beam	Angle	0.00	7	7	-	-	16	-	0.960	X
7540	7540	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7541	7547	Beam	Angle	0.00	7	7	-	-	16	-	0.960	X
7542	7562	Beam	Angle	0.00	1	1	-	-	-	-	0.550	Z
7543	7542	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
7544	7529	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
7545	7544	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
7546	7522	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
7547	7554	Beam	Angle	0.00	7	7	-	-	16	-	1.200	X
7548	7555	Beam	Angle	0.00	7	7	-	-	16	-	0.960	X
7549	7549	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7550	7550	Beam	Angle	0.00	7	7	-	-	16	-	0.960	X
7551	7568	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
7552	7556	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
7553	7559	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
7554	7552	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
7555	7530	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
7556	7557	Beam	Angle	0.00	7	7	-	-	16	-	1.200	X
7557	7558	Beam	Angle	0.00	7	7	-	-	16	-	0.960	X
7558	7560	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7559	7561	Beam	Angle	0.00	7	7	-	-	16	-	0.960	X
7560	7579	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
7561	7563	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
7562	7553	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
7563	7564	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
7564	7565	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
7565	7566	Beam	Angle	0.00	7	7	-	-	16	-	1.200	X
7566	7584	Beam	Angle	0.00	7	7	-	-	16	-	0.960	X
7567	7583	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7568	7578	Beam	Angle	0.00	7	7	-	-	16	-	0.960	X
7569	7591	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
7570	7586	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
7571	7588	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
7572	7580	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
7573	7664	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
7574	7666	Beam	Angle	0.00	7	7	-	-	16	-	1.200	X
7575	7663	Beam	Angle	0.00	7	7	-	-	16	-	0.960	X
7576	7662	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7577	7669	Beam	Angle	0.00	7	7	-	-	16	-	0.960	X
7578	7670	Beam	Angle	0.00	1	1	-	-	-	-	0.550	Z
7579	7665	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
7580	7667	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
7581	7668	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
7582	11382	Beam	Angle	0.00	13	13	1	1	-	-	1.244	YZ
7583	11384	Beam	Angle	0.00	13	13	1	1	-	-	1.244	YZ
7584	11391	Beam	Angle	0.00	1	1	-	-	-	-	0.120	Z
7585	11392	Beam	Angle	0.00	1	1	-	-	-	-	0.120	Z
7586	11393	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
7587	11400	Beam	Angle	0.00	1	1	-	-	-	-	0.145	Z
7588	11399	Beam	Angle	0.00	1	1	-	-	-	-	0.145	Z
7589	11401	Beam	Angle	0.00	1	1	-	-	-	-	0.145	Z
7590	7576	Beam	Angle	0.00	12	12	-	-	16	-	0.960	X
7591	7673	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
7592	7675	Beam	Angle	0.00	7	7	-	-	16	-	1.200	X
7593	7672	Beam	Angle	0.00	7	7	-	-	16	-	0.960	X
7594	7671	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7595	7678	Beam	Angle	0.00	7	7	-	-	16	-	0.960	X
7596	7679	Beam	Angle	180.00	6	6	-	-	14	-	0.100	Z
7597	7674	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
7598	7676	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
7599	7677	Beam	Angle	0.00	12	12	-	-	16	-	1.500	X
7600	7577	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7601	7264	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7602	7581	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7603	7582	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7604	7587	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7605	7589	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7606	7590	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7607	7681	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7608	7585	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7609	7680	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7610	7682	Beam	Angle	0.00	7	7	-	-	16	-	0.958	X
7611	7685	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7612	7686	Beam	Angle	0.00	7	7	-	-	16	-	1.200	X
7613	7683	Beam	Angle	0.00	7	7	-	-	16	-	0.960	X
7614	7687	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7615	7684	Beam	Angle	0.00	10	10	-	-	17	-	0.958	X

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
7616	7688	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7617	7690	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7618	7689	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7619	7691	Beam	Angle	0.00	7	7	-	-	16	-	0.958	X
7620	7694	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7621	7695	Beam	Angle	0.00	7	7	-	-	16	-	1.200	X
7622	7692	Beam	Angle	0.00	7	7	-	-	16	-	0.960	X
7623	7696	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7624	11004	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
7625	7697	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7626	7699	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7627	7698	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7628	7700	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7629	7701	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7630	7702	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7631	7703	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7632	7704	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7633	7705	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7634	7706	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7635	7707	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7636	7710	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7637	7711	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7638	11005	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
7639	11006	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
7640	7718	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7641	7719	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7642	7712	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7643	7713	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7644	7716	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7645	7717	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7646	7720	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7647	7721	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7648	7714	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7649	7715	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7650	7722	Beam	Angle	0.00	6	6	-	-	2	-	0.391	Y
7651	7723	Beam	Angle	0.00	6	6	-	-	2	-	0.391	Y
7652	7724	Beam	Angle	0.00	6	6	-	-	2	-	0.391	Y
7653	7725	Beam	Angle	0.00	6	6	-	-	2	-	0.391	Y
7654	7726	Beam	Angle	0.00	6	6	-	-	2	-	0.391	Y
7655	11008	Beam	Angle	0.00	1	1	-	-	-	-	0.090	Z
7656	7729	Beam	Angle	0.00	6	6	-	-	2	-	0.391	Y
7657	7728	Beam	Angle	0.00	6	6	-	-	2	-	0.391	Y
7658	7730	Beam	Angle	0.00	6	6	-	-	2	-	0.391	Y
7659	7732	Beam	Angle	0.00	6	6	-	-	2	-	0.391	Y
7660	7731	Beam	Angle	0.00	6	6	-	-	2	-	0.391	Y
7661	7733	Beam	Angle	0.00	7	7	-	-	16	-	0.958	X
7662	7734	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7663	7735	Beam	Angle	0.00	7	7	-	-	16	-	1.200	X
7664	7741	Beam	Angle	0.00	7	7	-	-	16	-	0.960	X
7665	7740	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7666	11007	Beam	Angle	0.00	1	1	-	-	-	-	0.090	Z
7667	7737	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7668	7736	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7669	7739	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7670	7742	Beam	Angle	0.00	7	7	-	-	16	-	0.958	X
7671	7743	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7672	7744	Beam	Angle	0.00	7	7	-	-	16	-	1.200	X
7673	7750	Beam	Angle	0.00	7	7	-	-	16	-	0.960	X
7674	7749	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7675	11009	Beam	Angle	0.00	1	1	-	-	-	-	0.140	Z
7676	7746	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7677	7745	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7678	7748	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7679	7751	Beam	Angle	0.00	6	6	-	-	2	-	0.330	Y
7680	7752	Beam	Angle	0.00	6	6	-	-	2	-	0.330	Y
7681	7755	Beam	Angle	0.00	6	6	-	-	2	-	0.330	Y
7682	7756	Beam	Angle	0.00	6	6	-	-	2	-	0.330	Y
7683	7759	Beam	Angle	0.00	6	6	-	-	2	-	0.330	Y
7684	7760	Beam	Angle	0.00	6	6	-	-	2	-	0.330	Y
7685	7757	Beam	Angle	0.00	6	6	-	-	2	-	0.330	Y
7686	7758	Beam	Angle	0.00	6	6	-	-	2	-	0.330	Y
7687	7761	Beam	Angle	0.00	6	6	-	-	2	-	0.330	Y
7688	7762	Beam	Angle	0.00	6	6	-	-	2	-	0.330	Y
7689	11010	Beam	Angle	0.00	1	1	-	-	-	-	0.140	Z
7690	11011	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
7691	7763	Beam	Angle	0.00	6	6	-	-	2	-	0.330	Y
7692	7764	Beam	Angle	0.00	6	6	-	-	2	-	0.330	Y
7693	7769	Beam	Angle	0.00	6	6	-	-	2	-	0.330	Y
7694	7770	Beam	Angle	0.00	6	6	-	-	2	-	0.330	Y
7695	7765	Beam	Angle	0.00	6	6	-	-	2	-	0.330	Y
7696	7766	Beam	Angle	0.00	6	6	-	-	2	-	0.330	Y
7697	7771	Beam	Angle	0.00	6	6	-	-	2	-	0.330	Y
7698	7772	Beam	Angle	0.00	6	6	-	-	2	-	0.330	Y
7699	7767	Beam	Angle	0.00	6	6	-	-	2	-	0.330	Y
7700	7768	Beam	Angle	0.00	6	6	-	-	2	-	0.330	Y
7701	7773	Beam	Angle	0.00	7	7	-	-	16	-	0.958	X
7702	7775	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7703	7776	Beam	Angle	0.00	7	7	-	-	16	-	1.200	X
7704	7778	Beam	Angle	0.00	7	7	-	-	16	-	0.960	X
7705	7777	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7706	11012	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
7707	7780	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7708	7774	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7709	7781	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
7710	7782	Beam	Angle	0.00	7	7	-	-	16	-	0.958	X
7711	7784	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7712	7785	Beam	Angle	0.00	7	7	-	-	16	-	1.200	X
7713	7787	Beam	Angle	0.00	7	7	-	-	16	-	0.960	X
7714	7786	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7715	11013	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
7716	7789	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7717	7783	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7718	7790	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7719	7791	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7720	7792	Beam	Angle	0.00	7	7	-	-	16	-	1.200	X
7721	7793	Beam	Angle	0.00	7	7	-	-	16	-	0.960	X
7722	7794	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7723	11014	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
7724	7796	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7725	7797	Beam	Angle	0.00	7	7	-	-	16	-	1.200	X
7726	7798	Beam	Angle	0.00	7	7	-	-	16	-	0.960	X
7727	7799	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7728	11015	Beam	Angle	0.00	1	1	-	-	-	-	0.090	Z
7729	7809	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7730	7810	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7731	7801	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7732	7802	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7733	7803	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7734	7804	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7735	7807	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7736	7808	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7737	7811	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7738	7812	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7739	11016	Beam	Angle	0.00	1	1	-	-	-	-	0.030	Z
7740	11017	Beam	Angle	0.00	1	1	-	-	-	-	0.140	Z
7741	7813	Beam	Angle	0.00	6	6	-	-	2	-	0.391	Y
7742	7814	Beam	Angle	0.00	6	6	-	-	2	-	0.391	Y
7743	7815	Beam	Angle	0.00	6	6	-	-	2	-	0.391	Y
7744	7816	Beam	Angle	0.00	6	6	-	-	2	-	0.391	Y
7745	7817	Beam	Angle	0.00	6	6	-	-	2	-	0.391	Y
7746	11018	Beam	Angle	0.00	1	1	-	-	-	-	0.140	Z
7747	7819	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7748	7820	Beam	Angle	0.00	7	7	-	-	16	-	1.200	X
7749	7821	Beam	Angle	0.00	7	7	-	-	16	-	0.960	X
7750	7822	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7751	11019	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
7752	7824	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7753	7825	Beam	Angle	0.00	7	7	-	-	16	-	1.200	X
7754	7826	Beam	Angle	0.00	7	7	-	-	16	-	0.960	X
7755	7827	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7756	11020	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
7757	7833	Beam	Angle	0.00	6	6	-	-	2	-	0.330	Y
7758	7834	Beam	Angle	0.00	6	6	-	-	2	-	0.330	Y
7759	7837	Beam	Angle	0.00	6	6	-	-	2	-	0.330	Y
7760	7838	Beam	Angle	0.00	6	6	-	-	2	-	0.330	Y
7761	7835	Beam	Angle	0.00	6	6	-	-	2	-	0.330	Y
7762	7836	Beam	Angle	0.00	6	6	-	-	2	-	0.330	Y
7763	7829	Beam	Angle	0.00	6	6	-	-	2	-	0.330	Y
7764	7830	Beam	Angle	0.00	6	6	-	-	2	-	0.330	Y
7765	7839	Beam	Angle	0.00	6	6	-	-	2	-	0.330	Y
7766	7840	Beam	Angle	0.00	6	6	-	-	2	-	0.330	Y
7767	11021	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
7768	11022	Beam	Angle	0.00	2	2	-	-	-	-	0.250	Z
7769	7841	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7770	7842	Beam	Angle	0.00	7	7	-	-	16	-	1.200	X
7771	7843	Beam	Angle	0.00	7	7	-	-	16	-	0.960	X
7772	7844	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7773	11023	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
7774	7846	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7775	7847	Beam	Angle	0.00	7	7	-	-	16	-	1.200	X
7776	7848	Beam	Angle	0.00	7	7	-	-	16	-	0.960	X
7777	7849	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7778	11024	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7779	7859	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7780	7860	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7781	7861	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7782	7862	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7783	7853	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7784	7854	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7785	7855	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7786	7856	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7787	7851	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7788	7852	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
7789	11025	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7790	11026	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
7791	7863	Beam	Angle	180.00	6	6	-	-	12	-	0.400	Z
7792	7864	Beam	Angle	180.00	6	6	-	-	12	-	0.100	Z
7793	7865	Beam	Angle	180.00	6	6	-	-	12	-	0.100	Z
7794	7866	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
7795	7867	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
7796	7868	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
7797	9332	Beam	Angle	0.00	7	7	-	-	16	-	0.629	X
7798	7870	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
7799	7871	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
7800	7872	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
7801	7873	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
7802	7874	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
7803	7875	Rigid Member	Angle	360.00	0	0	-	-	-	-	0.060	X

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
7804	7876	Beam	Angle	180.00	6	6	-	-	12	-	0.200	Z
7805	7877	Beam	Angle	180.00	6	6	-	-	12	-	0.500	Z
7806	7878	Beam	Angle	180.00	6	6	-	-	12	-	0.400	Z
7807	7879	Beam	Angle	180.00	6	6	-	-	12	-	0.500	Z
7808	7880	Beam	Angle	180.00	6	6	-	-	12	-	0.500	Z
7809	7881	Beam	Angle	180.00	6	6	-	-	12	-	0.400	Z
7810	7882	Beam	Angle	180.00	6	6	-	-	12	-	0.500	Z
7811	7883	Beam	Angle	180.00	6	6	-	-	12	-	0.400	Z
7812	7884	Beam	Angle	180.00	6	6	-	-	12	-	0.400	Z
7813	7885	Beam	Angle	180.00	6	6	-	-	12	-	0.200	Z
7814	9333	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7815	9334	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7816	9335	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7817	7889	Beam	Angle	180.00	6	6	-	-	12	-	0.200	Z
7818	8939	Beam	Angle	0.00	13	13	1	-	-	-	0.065	YZ
7819	6927	Beam	Angle	0.00	1	1	-	-	-	-	0.330	Z
7820	7891	Beam	Angle	0.00	10	10	-	-	13	-	1.051	Y
7821	7892	Beam	Angle	0.00	10	10	-	-	13	-	1.051	Y
7822	7070	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
7823	7894	Beam	Angle	0.00	10	10	-	-	13	-	1.051	Y
7824	7895	Beam	Angle	0.00	10	10	-	-	13	-	1.051	Y
7825	7896	Beam	Angle	0.00	10	10	-	-	13	-	1.051	Y
7826	7897	Beam	Angle	0.00	10	10	-	-	13	-	1.051	Y
7827	7898	Beam	Angle	0.00	10	10	-	-	13	-	1.051	Y
7828	7899	Beam	Angle	0.00	10	10	-	-	13	-	1.051	Y
7829	7900	Beam	Angle	0.00	10	10	-	-	13	-	1.051	Y
7830	7901	Beam	Angle	0.00	10	10	-	-	13	-	1.051	Y
7831	7902	Beam	Angle	0.00	10	10	-	-	13	-	1.051	Y
7832	7903	Beam	Angle	0.00	10	10	-	-	13	-	1.051	Y
7833	7904	Beam	Angle	0.00	10	10	-	-	13	-	1.051	Y
7834	7905	Beam	Angle	0.00	10	10	-	-	13	-	1.051	Y
7835	7906	Beam	Angle	0.00	10	10	-	-	13	-	1.051	Y
7836	7907	Beam	Angle	0.00	10	10	-	-	13	-	1.051	Y
7837	7908	Beam	Angle	0.00	10	10	-	-	13	-	1.051	Y
7838	7910	Beam	Angle	180.00	6	6	-	-	12	-	0.400	Z
7839	7911	Beam	Angle	180.00	6	6	-	-	12	-	0.100	Z
7840	7912	Beam	Angle	180.00	6	6	-	-	12	-	0.700	Z
7841	7913	Beam	Angle	180.00	6	6	-	-	12	-	0.700	Z
7842	7914	Beam	Angle	180.00	6	6	-	-	12	-	0.500	Z
7843	9336	Beam	Angle	0.00	7	7	-	-	16	-	1.125	X
7844	9337	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7845	7918	Beam	Angle	180.00	6	6	-	-	12	-	0.400	Z
7846	7917	Beam	Angle	180.00	6	6	-	-	12	-	0.200	Z
7847	7919	Beam	Angle	180.00	6	6	-	-	12	-	0.100	Z
7848	7920	Beam	Angle	180.00	6	6	-	-	12	-	0.100	Z
7849	8978	Beam	Angle	0.00	13	13	1	1	-	-	1.239	YZ
7850	7922	Beam	Angle	0.00	10	10	-	-	13	-	1.152	Y
7851	7923	Beam	Angle	0.00	10	10	-	-	13	-	1.152	Y
7852	7924	Beam	Angle	0.00	10	10	-	-	13	-	1.152	Y
7853	7925	Beam	Angle	0.00	10	10	-	-	13	-	1.152	Y
7854	7926	Beam	Angle	0.00	10	10	-	-	13	-	1.152	Y
7855	7927	Beam	Angle	0.00	10	10	-	-	13	-	1.152	Y
7856	7928	Beam	Angle	0.00	10	10	-	-	13	-	1.152	Y
7857	7071	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
7858	7930	Beam	Angle	0.00	10	10	-	-	13	-	1.152	Y
7859	7931	Beam	Angle	0.00	10	10	-	-	13	-	1.152	Y
7860	7932	Beam	Angle	0.00	10	10	-	-	13	-	1.152	Y
7861	7933	Beam	Angle	0.00	10	10	-	-	13	-	1.152	Y
7862	7934	Beam	Angle	0.00	10	10	-	-	13	-	1.152	Y
7863	7935	Beam	Angle	0.00	10	10	-	-	13	-	1.152	Y
7864	7936	Beam	Angle	0.00	10	10	-	-	13	-	1.152	Y
7865	7937	Beam	Angle	0.00	10	10	-	-	13	-	1.152	Y
7866	7938	Beam	Angle	0.00	10	10	-	-	13	-	1.152	Y
7867	7939	Beam	Angle	0.00	10	10	-	-	13	-	1.152	Y
7868	7940	Beam	Angle	180.00	6	6	-	-	12	-	0.400	Z
7869	7941	Beam	Angle	180.00	6	6	-	-	12	-	0.100	Z
7870	7942	Beam	Angle	180.00	6	6	-	-	12	-	0.100	Z
7871	7943	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
7872	7944	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
7873	7945	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
7874	9338	Beam	Angle	0.00	7	7	-	-	16	-	1.200	X
7875	7947	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
7876	7948	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
7877	7949	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
7878	7950	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
7879	7951	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
7880	7952	Rigid Member	Angle	360.00	0	0	-	-	-	-	0.060	X
7881	7953	Beam	Angle	180.00	6	6	-	-	12	-	0.200	Z
7882	7954	Beam	Angle	180.00	6	6	-	-	12	-	0.500	Z
7883	7955	Beam	Angle	180.00	6	6	-	-	12	-	0.400	Z
7884	7956	Beam	Angle	180.00	6	6	-	-	12	-	0.500	Z
7885	7957	Beam	Angle	180.00	6	6	-	-	12	-	0.500	Z
7886	7958	Beam	Angle	180.00	6	6	-	-	12	-	0.400	Z
7887	7959	Beam	Angle	180.00	6	6	-	-	12	-	0.500	Z
7888	7960	Beam	Angle	180.00	6	6	-	-	12	-	0.400	Z
7889	7961	Beam	Angle	180.00	6	6	-	-	12	-	0.400	Z
7890	7962	Beam	Angle	180.00	6	6	-	-	12	-	0.200	Z
7891	9339	Beam	Angle	0.00	7	7	-	-	16	-	0.960	X
7892	9340	Beam	Angle	0.00	7	7	-	-	16	-	0.331	X
7893	9341	Beam	Angle	0.00	7	7	-	-	16	-	0.540	X
7894	7966	Beam	Angle	180.00	6	6	-	-	12	-	0.200	Z
7895	9003	Beam	Angle	0.00	13	13	1	1	-	-	1.130	YZ
7896	7987	Beam	Angle	180.00	6	6	-	-	12	-	0.400	Z
7897	7988	Beam	Angle	180.00	6	6	-	-	12	-	0.100	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
7898	7989	Beam	Angle	180.00	6	6	-	-	12	-	0.700	Z
7899	7990	Beam	Angle	180.00	6	6	-	-	12	-	0.700	Z
7900	7991	Beam	Angle	180.00	6	6	-	-	12	-	0.300	Z
7901	9342	Beam	Angle	0.00	6	6	-	-	2	-	0.476	Y
7902	9343	Beam	Angle	0.00	6	6	-	-	2	-	0.476	Y
7903	7995	Beam	Angle	180.00	6	6	-	-	12	-	0.400	Z
7904	7994	Beam	Angle	180.00	6	6	-	-	12	-	0.200	Z
7905	7996	Beam	Angle	180.00	6	6	-	-	12	-	0.100	Z
7906	7997	Beam	Angle	180.00	6	6	-	-	12	-	0.100	Z
7907	7998	Beam	Angle	180.00	6	6	-	-	12	-	0.400	Z
7908	7999	Beam	Angle	180.00	6	6	-	-	12	-	0.100	Z
7909	8000	Beam	Angle	180.00	6	6	-	-	12	-	0.100	Z
7910	8001	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
7911	8002	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
7912	8003	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
7913	9344	Beam	Angle	0.00	6	6	-	-	2	-	0.476	Y
7914	8005	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
7915	8006	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
7916	8007	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
7917	8008	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
7918	8009	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
7919	8010	Rigid Member	Angle	360.00	0	0	-	-	-	-	0.060	X
7920	8011	Beam	Angle	180.00	6	6	-	-	12	-	0.200	Z
7921	8012	Beam	Angle	180.00	6	6	-	-	12	-	0.500	Z
7922	8013	Beam	Angle	180.00	6	6	-	-	12	-	0.400	Z
7923	8014	Beam	Angle	180.00	6	6	-	-	12	-	0.500	Z
7924	8015	Beam	Angle	180.00	6	6	-	-	12	-	0.500	Z
7925	8016	Beam	Angle	180.00	6	6	-	-	12	-	0.400	Z
7926	8017	Beam	Angle	180.00	6	6	-	-	12	-	0.500	Z
7927	8018	Beam	Angle	180.00	6	6	-	-	12	-	0.400	Z
7928	8019	Beam	Angle	180.00	6	6	-	-	12	-	0.300	Z
7929	8020	Beam	Angle	180.00	6	6	-	-	12	-	0.200	Z
7930	9345	Beam	Angle	0.00	6	6	-	-	2	-	0.476	Y
7931	9346	Beam	Angle	0.00	6	6	-	-	2	-	0.476	Y
7932	9347	Beam	Angle	0.00	6	6	-	-	2	-	0.476	Y
7933	8024	Beam	Angle	180.00	6	6	-	-	12	-	0.200	Z
7934	6930	Beam	Angle	0.00	1	1	-	-	-	-	0.130	Z
7935	8026	Beam	Angle	180.00	6	6	-	-	12	-	0.400	Z
7936	8027	Beam	Angle	180.00	6	6	-	-	12	-	0.100	Z
7937	8028	Beam	Angle	180.00	6	6	-	-	12	-	0.700	Z
7938	8029	Beam	Angle	180.00	6	6	-	-	12	-	0.700	Z
7939	8030	Beam	Angle	180.00	6	6	-	-	12	-	0.500	Z
7940	9348	Beam	Angle	0.00	6	6	-	-	2	-	0.476	Y
7941	9350	Beam	Angle	0.00	6	6	-	-	2	-	0.476	Y
7942	8034	Beam	Angle	180.00	6	6	-	-	12	-	0.400	Z
7943	8033	Beam	Angle	180.00	6	6	-	-	12	-	0.200	Z
7944	8035	Beam	Angle	180.00	6	6	-	-	12	-	0.100	Z
7945	8036	Beam	Angle	180.00	6	6	-	-	12	-	0.100	Z
7946	8037	Beam	Angle	180.00	6	6	-	-	12	-	0.400	Z
7947	8038	Beam	Angle	180.00	6	6	-	-	12	-	0.100	Z
7948	8039	Beam	Angle	180.00	6	6	-	-	12	-	0.100	Z
7949	8040	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
7950	8041	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
7951	8042	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
7952	9349	Beam	Angle	0.00	6	6	-	-	2	-	0.476	Y
7953	8044	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
7954	8045	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
7955	8046	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
7956	8047	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.162	XZ
7957	8048	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
7958	8049	Rigid Member	Angle	360.00	0	0	-	-	-	-	0.060	X
7959	8050	Beam	Angle	180.00	6	6	-	-	12	-	0.200	Z
7960	8051	Beam	Angle	180.00	6	6	-	-	12	-	0.500	Z
7961	8052	Beam	Angle	180.00	6	6	-	-	12	-	0.400	Z
7962	8053	Beam	Angle	180.00	6	6	-	-	12	-	0.500	Z
7963	8054	Beam	Angle	180.00	6	6	-	-	12	-	0.500	Z
7964	8055	Beam	Angle	180.00	6	6	-	-	12	-	0.400	Z
7965	8056	Beam	Angle	180.00	6	6	-	-	12	-	0.500	Z
7966	8057	Beam	Angle	180.00	6	6	-	-	12	-	0.400	Z
7967	8058	Beam	Angle	180.00	6	6	-	-	12	-	0.400	Z
7968	8059	Beam	Angle	180.00	6	6	-	-	12	-	0.200	Z
7969	9352	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7970	9353	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7971	9354	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
7972	8063	Beam	Angle	180.00	6	6	-	-	12	-	0.200	Z
7973	6958	Beam	Angle	0.00	1	1	-	-	-	-	0.330	Z
7974	8065	Beam	Angle	180.00	6	6	-	-	12	-	0.400	Z
7975	8066	Beam	Angle	180.00	6	6	-	-	12	-	0.100	Z
7976	8067	Beam	Angle	180.00	6	6	-	-	12	-	0.700	Z
7977	8068	Beam	Angle	180.00	6	6	-	-	12	-	0.700	Z
7978	8069	Beam	Angle	180.00	6	6	-	-	12	-	0.500	Z
7979	9355	Beam	Angle	0.00	7	7	-	-	16	-	1.125	X
7980	9351	Beam	Angle	0.00	7	7	-	-	16	-	0.629	X
7981	8073	Beam	Angle	180.00	6	6	-	-	12	-	0.400	Z
7982	8072	Beam	Angle	180.00	6	6	-	-	12	-	0.200	Z
7983	8074	Beam	Angle	180.00	6	6	-	-	12	-	0.100	Z
7984	8075	Beam	Angle	180.00	6	6	-	-	12	-	0.100	Z
7985	9176	Beam	Angle	0.00	13	13	1	-	-	-	0.065	YZ
7986	7968	Beam	Angle	0.00	10	10	-	-	13	-	1.152	Y
7987	7969	Beam	Angle	0.00	10	10	-	-	13	-	1.152	Y
7988	7970	Beam	Angle	0.00	10	10	-	-	13	-	1.152	Y
7989	7971	Beam	Angle	0.00	10	10	-	-	13	-	1.152	Y
7990	7972	Beam	Angle	0.00	10	10	-	-	13	-	1.152	Y
7991	7973	Beam	Angle	0.00	10	10	-	-	13	-	1.152	Y

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
7992	7974	Beam	Angle	0.00	10	10	-	-	13	-	1.152	Y
7993	7975	Beam	Angle	0.00	10	10	-	-	13	-	1.152	Y
7994	7976	Beam	Angle	0.00	10	10	-	-	13	-	1.152	Y
7995	7977	Beam	Angle	0.00	10	10	-	-	13	-	1.152	Y
7996	7978	Beam	Angle	0.00	10	10	-	-	13	-	1.152	Y
7997	7979	Beam	Angle	0.00	10	10	-	-	13	-	1.152	Y
7998	7980	Beam	Angle	0.00	10	10	-	-	13	-	1.152	Y
7999	7981	Beam	Angle	0.00	10	10	-	-	13	-	1.152	Y
8000	7982	Beam	Angle	0.00	10	10	-	-	13	-	1.152	Y
8001	7983	Beam	Angle	0.00	10	10	-	-	13	-	1.152	Y
8002	7984	Beam	Angle	0.00	10	10	-	-	13	-	1.152	Y
8003	7985	Beam	Angle	0.00	10	10	-	-	13	-	1.152	Y
8004	8077	Beam	Angle	180.00	6	6	-	-	12	-	0.400	Z
8005	8078	Beam	Angle	180.00	6	6	-	-	12	-	0.100	Z
8006	8079	Beam	Angle	180.00	6	6	-	-	12	-	0.100	Z
8007	8843	Beam	Angle	0.00	6	6	-	-	12	-	0.500	Z
8008	8103	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
8009	8099	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
8010	9356	Beam	Angle	0.00	7	7	-	-	16	-	0.629	X
8011	8082	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
8012	8076	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
8013	8086	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
8014	8087	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
8015	8088	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
8016	8089	Rigid Member	Angle	360.00	0	0	-	-	-	-	0.060	X
8017	8090	Beam	Angle	180.00	6	6	-	-	12	-	0.200	Z
8018	8091	Beam	Angle	180.00	6	6	-	-	12	-	0.500	Z
8019	8092	Beam	Angle	180.00	6	6	-	-	12	-	0.400	Z
8020	8093	Beam	Angle	180.00	6	6	-	-	12	-	0.500	Z
8021	8094	Beam	Angle	180.00	6	6	-	-	12	-	0.500	Z
8022	8095	Beam	Angle	180.00	6	6	-	-	12	-	0.400	Z
8023	8096	Beam	Angle	180.00	6	6	-	-	12	-	0.500	Z
8024	8084	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
8025	8080	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
8026	8085	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
8027	9357	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
8028	9358	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
8029	9359	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
8030	8097	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
8031	8081	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
8032	8844	Beam	Angle	0.00	6	6	-	-	12	-	0.205	Z
8033	8105	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
8034	8106	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
8035	8107	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
8036	8108	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
8037	8109	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
8038	8110	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
8039	8111	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
8040	8112	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
8041	8113	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
8042	8114	Beam	Angle	0.00	10	10	-	-	13	-	1.051	Y
8043	8115	Beam	Angle	0.00	10	10	-	-	13	-	1.051	Y
8044	8116	Beam	Angle	0.00	10	10	-	-	13	-	1.051	Y
8045	8117	Beam	Angle	0.00	10	10	-	-	13	-	1.051	Y
8046	8118	Beam	Angle	0.00	10	10	-	-	13	-	1.051	Y
8047	8119	Beam	Angle	0.00	10	10	-	-	13	-	1.051	Y
8048	8120	Beam	Angle	0.00	10	10	-	-	13	-	1.051	Y
8049	8121	Beam	Angle	0.00	10	10	-	-	13	-	1.051	Y
8050	8122	Beam	Angle	0.00	10	10	-	-	13	-	1.051	Y
8051	8858	Beam	Angle	0.00	6	6	-	-	12	-	0.295	Z
8052	8867	Beam	Angle	0.00	6	6	-	-	12	-	0.500	Z
8053	8868	Beam	Angle	0.00	6	6	-	-	12	-	0.205	Z
8054	8139	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
8055	8138	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
8056	9360	Beam	Angle	0.00	7	7	-	-	16	-	1.125	X
8057	9361	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
8058	8132	Beam	Angle	180.00	6	6	-	-	12	-	0.400	Z
8059	8131	Beam	Angle	180.00	6	6	-	-	12	-	0.200	Z
8060	8133	Beam	Angle	180.00	6	6	-	-	12	-	0.100	Z
8061	8134	Beam	Angle	180.00	6	6	-	-	12	-	0.100	Z
8062	8135	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
8063	8127	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
8064	8126	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
8065	8125	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
8066	8128	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
8067	8136	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
8068	8137	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
8069	8869	Beam	Angle	0.00	6	6	-	-	12	-	0.500	Z
8070	8142	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
8071	8143	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
8072	8145	Beam	Angle	0.00	10	10	-	-	13	-	1.150	Y
8073	8146	Beam	Angle	0.00	10	10	-	-	13	-	1.150	Y
8074	8147	Beam	Angle	0.00	10	10	-	-	13	-	1.150	Y
8075	8148	Beam	Angle	0.00	10	10	-	-	13	-	1.150	Y
8076	8149	Beam	Angle	0.00	10	10	-	-	13	-	1.150	Y
8077	8150	Beam	Angle	0.00	10	10	-	-	13	-	1.150	Y
8078	8151	Beam	Angle	0.00	10	10	-	-	13	-	1.150	Y
8079	8152	Beam	Angle	0.00	10	10	-	-	13	-	1.150	Y
8080	8153	Beam	Angle	0.00	10	10	-	-	13	-	1.150	Y
8081	8154	Beam	Angle	180.00	6	6	-	-	12	-	0.400	Z
8082	8155	Beam	Angle	180.00	6	6	-	-	12	-	0.100	Z
8083	8156	Beam	Angle	180.00	6	6	-	-	12	-	0.100	Z
8084	8144	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
8085	8157	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
8086	8158	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
8087	9362	Beam	Angle	0.00	7	7	-	-	16	-	1.200	X
8088	8159	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
8089	8161	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
8090	8163	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
8091	8164	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
8092	8165	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
8093	8166	Rigid Member	Angle	360.00	0	0	-	-	-	-	0.060	X
8094	8167	Beam	Angle	180.00	6	6	-	-	12	-	0.200	Z
8095	8168	Beam	Angle	180.00	6	6	-	-	12	-	0.500	Z
8096	8169	Beam	Angle	180.00	6	6	-	-	12	-	0.400	Z
8097	8170	Beam	Angle	180.00	6	6	-	-	12	-	0.500	Z
8098	8171	Beam	Angle	180.00	6	6	-	-	12	-	0.500	Z
8099	8172	Beam	Angle	180.00	6	6	-	-	12	-	0.400	Z
8100	8173	Beam	Angle	180.00	6	6	-	-	12	-	0.500	Z
8101	8162	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
8102	8174	Beam	Angle	90.00	6	6	-	-	10	-	0.200	Z
8103	8175	Beam	Angle	90.00	6	6	-	-	10	-	0.050	Z
8104	9363	Beam	Angle	0.00	7	7	-	-	16	-	0.960	X
8105	9364	Beam	Angle	0.00	7	7	-	-	16	-	0.629	X
8106	9365	Beam	Angle	0.00	7	7	-	-	16	-	0.331	X
8107	8176	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
8108	8180	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
8109	8181	Beam	Angle	90.00	6	6	-	-	10	-	0.150	Z
8110	8182	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
8111	8183	Beam	Angle	90.00	6	6	-	-	10	-	0.440	Z
8112	8184	Beam	Angle	90.00	6	6	-	-	10	-	0.200	Z
8113	8185	Beam	Angle	90.00	6	6	-	-	10	-	0.050	Z
8114	9366	Beam	Angle	0.00	7	7	-	-	16	-	0.331	X
8115	9367	Beam	Angle	0.00	7	7	-	-	16	-	0.540	X
8116	8209	Beam	Angle	180.00	6	6	-	-	12	-	0.400	Z
8117	8208	Beam	Angle	180.00	6	6	-	-	12	-	0.200	Z
8118	8210	Beam	Angle	180.00	6	6	-	-	12	-	0.100	Z
8119	8211	Beam	Angle	180.00	6	6	-	-	12	-	0.100	Z
8120	8212	Beam	Angle	180.00	6	6	-	-	12	-	0.400	Z
8121	8213	Beam	Angle	180.00	6	6	-	-	12	-	0.100	Z
8122	8214	Beam	Angle	180.00	6	6	-	-	12	-	0.100	Z
8123	8186	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
8124	8187	Beam	Angle	90.00	6	6	-	-	10	-	0.350	Z
8125	11708	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
8126	9369	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
8127	8189	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
8128	8190	Beam	Angle	90.00	6	6	-	-	10	-	0.440	Z
8129	8221	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
8130	8222	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
8131	8223	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
8132	8224	Rigid Member	Angle	360.00	0	0	-	-	-	-	0.060	X
8133	8225	Beam	Angle	180.00	6	6	-	-	12	-	0.200	Z
8134	8226	Beam	Angle	180.00	6	6	-	-	12	-	0.500	Z
8135	8227	Beam	Angle	180.00	6	6	-	-	12	-	0.400	Z
8136	8228	Beam	Angle	180.00	6	6	-	-	12	-	0.500	Z
8137	8229	Beam	Angle	180.00	6	6	-	-	12	-	0.500	Z
8138	8230	Beam	Angle	180.00	6	6	-	-	12	-	0.400	Z
8139	8231	Beam	Angle	180.00	6	6	-	-	12	-	0.500	Z
8140	8200	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
8141	8201	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
8142	8202	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
8143	9370	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
8144	9371	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
8145	9372	Beam	Angle	0.00	7	7	-	-	16	-	1.125	X
8146	8203	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
8147	8204	Beam	Angle	90.00	6	6	-	-	10	-	0.200	Z
8148	8205	Beam	Angle	90.00	6	6	-	-	10	-	0.050	Z
8149	8215	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
8150	8216	Beam	Angle	90.00	6	6	-	-	10	-	0.350	Z
8151	11709	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
8152	8219	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
8153	9368	Beam	Angle	0.00	7	7	-	-	16	-	0.629	X
8154	9373	Beam	Angle	0.00	7	7	-	-	16	-	0.629	X
8155	8248	Beam	Angle	180.00	6	6	-	-	12	-	0.400	Z
8156	8247	Beam	Angle	180.00	6	6	-	-	12	-	0.200	Z
8157	8249	Beam	Angle	180.00	6	6	-	-	12	-	0.100	Z
8158	8250	Beam	Angle	180.00	6	6	-	-	12	-	0.100	Z
8159	8251	Beam	Angle	180.00	6	6	-	-	12	-	0.400	Z
8160	8252	Beam	Angle	180.00	6	6	-	-	12	-	0.100	Z
8161	8253	Beam	Angle	180.00	6	6	-	-	12	-	0.100	Z
8162	8220	Beam	Angle	90.00	6	6	-	-	10	-	0.440	Z
8163	8232	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
8164	8233	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
8165	9374	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
8166	8234	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
8167	8238	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
8168	8260	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
8169	8261	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.162	XZ
8170	8262	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
8171	8263	Rigid Member	Angle	360.00	0	0	-	-	-	-	0.060	X
8172	8264	Beam	Angle	180.00	6	6	-	-	12	-	0.200	Z
8173	8265	Beam	Angle	180.00	6	6	-	-	12	-	0.500	Z
8174	8266	Beam	Angle	180.00	6	6	-	-	12	-	0.400	Z
8175	8267	Beam	Angle	180.00	6	6	-	-	12	-	0.500	Z
8176	8268	Beam	Angle	180.00	6	6	-	-	12	-	0.500	Z
8177	8269	Beam	Angle	180.00	6	6	-	-	12	-	0.400	Z
8178	8270	Beam	Angle	180.00	6	6	-	-	12	-	0.500	Z
8179	8239	Beam	Angle	90.00	6	6	-	-	10	-	0.200	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
8180	8240	Beam	Angle	90.00	6	6	-	-	10	-	0.050	Z
8181	8241	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
8182	9375	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
8183	9376	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
8184	9377	Beam	Angle	0.00	7	7	-	-	16	-	1.125	X
8185	8242	Beam	Angle	90.00	6	6	-	-	10	-	0.350	Z
8186	11710	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
8187	8244	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
8188	8254	Beam	Angle	90.00	6	6	-	-	10	-	0.440	Z
8189	8255	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
8190	8256	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
8191	8258	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
8192	9378	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
8193	9379	Beam	Angle	0.00	7	7	-	-	16	-	1.200	X
8194	8287	Beam	Angle	180.00	6	6	-	-	12	-	0.400	Z
8195	8286	Beam	Angle	180.00	6	6	-	-	12	-	0.200	Z
8196	8288	Beam	Angle	180.00	6	6	-	-	12	-	0.100	Z
8197	8289	Beam	Angle	180.00	6	6	-	-	12	-	0.100	Z
8198	8259	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
8199	8271	Beam	Angle	90.00	6	6	-	-	10	-	0.200	Z
8200	8272	Beam	Angle	90.00	6	6	-	-	10	-	0.050	Z
8201	8273	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
8202	8277	Beam	Angle	90.00	6	6	-	-	10	-	0.350	Z
8203	11711	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
8204	8279	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
8205	8280	Beam	Angle	90.00	6	6	-	-	10	-	0.440	Z
8206	8281	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
8207	8282	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
8208	8191	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
8209	8192	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
8210	8193	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
8211	8194	Beam	Angle	0.00	4	4	-	1	-	-	1.150	Y
8212	8195	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
8213	8196	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
8214	8197	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
8215	8198	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
8216	8199	Beam	Angle	0.00	4	4	-	1	-	-	1.150	Y
8217	8290	Beam	Angle	180.00	6	6	-	-	14	-	0.400	Z
8218	8291	Beam	Angle	180.00	6	6	-	-	14	-	0.100	Z
8219	8292	Beam	Angle	180.00	6	6	-	-	14	-	0.100	Z
8220	8283	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
8221	8293	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
8222	8294	Beam	Angle	90.00	6	6	-	-	10	-	0.200	Z
8223	9380	Beam	Angle	0.00	7	7	-	-	16	-	0.960	X
8224	8295	Beam	Angle	90.00	6	6	-	-	10	-	0.050	Z
8225	8297	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
8226	8299	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
8227	8300	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
8228	8301	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
8229	8302	Rigid Member	Angle	360.00	0	0	-	-	-	-	0.060	X
8230	8303	Beam	Angle	180.00	6	6	-	-	14	-	0.200	Z
8231	8304	Beam	Angle	180.00	6	6	-	-	14	-	0.500	Z
8232	8305	Beam	Angle	180.00	6	6	-	-	14	-	0.400	Z
8233	8306	Beam	Angle	180.00	6	6	-	-	14	-	0.500	Z
8234	8307	Beam	Angle	180.00	6	6	-	-	14	-	0.500	Z
8235	8308	Beam	Angle	180.00	6	6	-	-	14	-	0.400	Z
8236	8309	Beam	Angle	180.00	6	6	-	-	14	-	0.500	Z
8237	8298	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
8238	8310	Beam	Angle	90.00	6	6	-	-	10	-	0.150	Z
8239	8311	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
8240	9381	Beam	Angle	0.00	7	7	-	-	16	-	0.629	X
8241	9382	Beam	Angle	0.00	7	7	-	-	16	-	0.331	X
8242	9383	Beam	Angle	0.00	7	7	-	-	16	-	0.331	X
8243	8312	Beam	Angle	90.00	6	6	-	-	10	-	0.440	Z
8244	8316	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
8245	8317	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
8246	8318	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
8247	8319	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
8248	8320	Beam	Angle	90.00	6	6	-	-	10	-	0.200	Z
8249	8321	Beam	Angle	90.00	6	6	-	-	10	-	0.050	Z
8250	8322	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
8251	8323	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
8252	8324	Beam	Angle	90.00	6	6	-	-	10	-	0.150	Z
8253	8325	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
8254	8326	Beam	Angle	90.00	6	6	-	-	10	-	0.440	Z
8255	8327	Beam	Angle	0.00	10	10	-	-	19	-	1.051	Y
8256	8328	Beam	Angle	0.00	10	10	-	-	19	-	1.051	Y
8257	8329	Beam	Angle	0.00	10	10	-	-	19	-	1.051	Y
8258	8330	Beam	Angle	0.00	10	10	-	-	19	-	1.051	Y
8259	8331	Beam	Angle	0.00	10	10	-	-	19	-	1.051	Y
8260	8332	Beam	Angle	0.00	10	10	-	-	19	-	1.051	Y
8261	8333	Beam	Angle	0.00	10	10	-	-	19	-	1.051	Y
8262	8334	Beam	Angle	0.00	10	10	-	-	19	-	1.051	Y
8263	8335	Beam	Angle	0.00	10	10	-	-	19	-	1.051	Y
8264	8336	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
8265	8337	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
8266	8338	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
8267	8339	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
8268	8340	Beam	Angle	90.00	6	6	-	-	10	-	0.200	Z
8269	9384	Beam	Angle	0.00	7	7	-	-	16	-	0.540	X
8270	8341	Beam	Angle	90.00	6	6	-	-	10	-	0.050	Z
8271	8345	Beam	Angle	180.00	6	6	-	-	14	-	0.400	Z
8272	8344	Beam	Angle	180.00	6	6	-	-	14	-	0.200	Z
8273	8346	Beam	Angle	180.00	6	6	-	-	14	-	0.100	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
8274	8347	Beam	Angle	180.00	6	6	-	-	14	-	0.100	Z
8275	8342	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
8276	8348	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
8277	8349	Beam	Angle	90.00	6	6	-	-	10	-	0.150	Z
8278	8350	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
8279	8351	Beam	Angle	90.00	6	6	-	-	10	-	0.440	Z
8280	8352	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
8281	8353	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
8282	8354	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
8283	8355	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
8284	8356	Beam	Angle	90.00	6	6	-	-	10	-	0.200	Z
8285	8358	Beam	Angle	0.00	10	10	-	-	19	-	0.002	Y
8286	8359	Beam	Angle	0.00	10	10	-	-	19	-	0.002	Y
8287	8360	Beam	Angle	0.00	10	10	-	-	19	-	0.002	Y
8288	8361	Beam	Angle	0.00	10	10	-	-	19	-	0.002	Y
8289	8362	Beam	Angle	0.00	10	10	-	-	19	-	0.002	Y
8290	8363	Beam	Angle	0.00	10	10	-	-	19	-	0.002	Y
8291	8364	Beam	Angle	0.00	10	10	-	-	19	-	0.002	Y
8292	8365	Beam	Angle	0.00	10	10	-	-	19	-	0.002	Y
8293	8366	Beam	Angle	0.00	10	10	-	-	19	-	0.002	Y
8294	8367	Beam	Angle	180.00	6	6	-	-	14	-	0.400	Z
8295	8368	Beam	Angle	180.00	6	6	-	-	14	-	0.100	Z
8296	8369	Beam	Angle	180.00	6	6	-	-	14	-	0.100	Z
8297	8357	Beam	Angle	90.00	6	6	-	-	10	-	0.050	Z
8298	8370	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
8299	8371	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
8300	9393	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
8301	8372	Beam	Angle	90.00	6	6	-	-	10	-	0.150	Z
8302	8374	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
8303	8376	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
8304	8377	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
8305	8378	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
8306	8379	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
8307	8380	Beam	Angle	180.00	6	6	-	-	14	-	0.200	Z
8308	8381	Beam	Angle	180.00	6	6	-	-	14	-	0.500	Z
8309	8382	Beam	Angle	180.00	6	6	-	-	14	-	0.400	Z
8310	8383	Beam	Angle	180.00	6	6	-	-	14	-	0.500	Z
8311	8384	Beam	Angle	180.00	6	6	-	-	14	-	0.500	Z
8312	8385	Beam	Angle	180.00	6	6	-	-	14	-	0.400	Z
8313	8386	Beam	Angle	180.00	6	6	-	-	14	-	0.500	Z
8314	8375	Beam	Angle	90.00	6	6	-	-	10	-	0.440	Z
8315	8870	Beam	Angle	0.00	6	6	-	-	12	-	0.005	Z
8316	8871	Beam	Angle	0.00	6	6	-	-	12	-	0.500	Z
8317	9394	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
8318	9391	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
8319	9392	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
8320	8872	Beam	Angle	0.00	6	6	-	-	12	-	0.205	Z
8321	8884	Beam	Angle	0.00	6	6	-	-	12	-	0.295	Z
8322	8891	Beam	Angle	0.00	6	6	-	-	12	-	0.500	Z
8323	8892	Beam	Angle	0.00	6	6	-	-	12	-	0.205	Z
8324	8893	Beam	Angle	0.00	6	6	-	-	12	-	0.500	Z
8325	8894	Beam	Angle	0.00	6	6	-	-	12	-	0.005	Z
8326	8895	Beam	Angle	0.00	6	6	-	-	12	-	0.500	Z
8327	9387	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
8328	8896	Beam	Angle	0.00	6	6	-	-	12	-	0.205	Z
8329	8441	Beam	Angle	180.00	6	6	-	-	14	-	0.400	Z
8330	8440	Beam	Angle	180.00	6	6	-	-	14	-	0.200	Z
8331	8442	Beam	Angle	180.00	6	6	-	-	14	-	0.100	Z
8332	8443	Beam	Angle	180.00	6	6	-	-	14	-	0.100	Z
8333	8444	Beam	Angle	180.00	6	6	-	-	14	-	0.400	Z
8334	8445	Beam	Angle	180.00	6	6	-	-	14	-	0.100	Z
8335	8446	Beam	Angle	180.00	6	6	-	-	14	-	0.100	Z
8336	8912	Beam	Angle	0.00	6	6	-	-	12	-	0.295	Z
8337	8919	Beam	Angle	0.00	6	6	-	-	12	-	0.500	Z
8338	8920	Beam	Angle	0.00	6	6	-	-	12	-	0.205	Z
8339	9388	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
8340	8921	Beam	Angle	0.00	6	6	-	-	12	-	0.500	Z
8341	8922	Beam	Angle	0.00	6	6	-	-	12	-	0.005	Z
8342	8453	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
8343	8454	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
8344	8455	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
8345	8456	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
8346	8457	Beam	Angle	180.00	6	6	-	-	14	-	0.200	Z
8347	8458	Beam	Angle	180.00	6	6	-	-	14	-	0.500	Z
8348	8459	Beam	Angle	180.00	6	6	-	-	14	-	0.400	Z
8349	8460	Beam	Angle	180.00	6	6	-	-	14	-	0.500	Z
8350	8461	Beam	Angle	180.00	6	6	-	-	14	-	0.500	Z
8351	8462	Beam	Angle	180.00	6	6	-	-	14	-	0.400	Z
8352	8463	Beam	Angle	180.00	6	6	-	-	14	-	0.500	Z
8353	8923	Beam	Angle	0.00	6	6	-	-	12	-	0.500	Z
8354	8924	Beam	Angle	0.00	6	6	-	-	12	-	0.205	Z
8355	9174	Beam	Angle	0.00	6	6	-	-	12	-	0.205	Z
8356	9385	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
8357	9386	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
8358	9389	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
8359	9175	Beam	Angle	0.00	6	6	-	-	12	-	0.505	Z
8360	6961	Beam	Angle	0.00	1	1	-	-	-	-	0.130	Z
8361	9177	Beam	Angle	0.00	6	6	-	-	12	-	0.500	Z
8362	9178	Beam	Angle	0.00	6	6	-	-	12	-	0.205	Z
8363	9190	Beam	Angle	0.00	6	6	-	-	12	-	0.295	Z
8364	9197	Beam	Angle	0.00	6	6	-	-	12	-	0.500	Z
8365	8451	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
8366	9390	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
8367	8452	Beam	Angle	0.00	10	10	-	-	17	-	0.300	X

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
8368	8480	Beam	Angle	180.00	6	6	-	-	14	-	0.400	Z
8369	8479	Beam	Angle	180.00	6	6	-	-	14	-	0.200	Z
8370	8481	Beam	Angle	180.00	6	6	-	-	14	-	0.100	Z
8371	8482	Beam	Angle	180.00	6	6	-	-	14	-	0.100	Z
8372	8483	Beam	Angle	180.00	6	6	-	-	14	-	0.400	Z
8373	8484	Beam	Angle	180.00	6	6	-	-	14	-	0.100	Z
8374	8485	Beam	Angle	180.00	6	6	-	-	14	-	0.100	Z
8375	8464	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
8376	8465	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
8377	8466	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
8378	9395	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
8379	8470	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
8380	8471	Beam	Angle	0.00	10	10	-	-	17	-	0.629	X
8381	8492	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
8382	8493	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.162	XZ
8383	8494	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
8384	8495	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
8385	8496	Beam	Angle	180.00	6	6	-	-	14	-	0.200	Z
8386	8497	Beam	Angle	180.00	6	6	-	-	14	-	0.500	Z
8387	8498	Beam	Angle	180.00	6	6	-	-	14	-	0.400	Z
8388	8499	Beam	Angle	180.00	6	6	-	-	14	-	0.500	Z
8389	8500	Beam	Angle	180.00	6	6	-	-	14	-	0.500	Z
8390	9229	Beam	Angle	0.00	13	13	1	1	-	-	1.239	YZ
8391	8391	Beam	Angle	0.00	10	10	-	-	17	-	0.600	X
8392	8392	Beam	Angle	0.00	10	10	-	-	17	-	0.600	X
8393	11031	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
8394	8394	Beam	Angle	0.00	10	10	-	-	17	-	0.600	X
8395	8395	Beam	Angle	0.00	10	10	-	-	17	-	0.600	X
8396	8396	Beam	Angle	0.00	10	10	-	-	17	-	0.600	X
8397	8397	Beam	Angle	0.00	10	10	-	-	17	-	0.600	X
8398	8398	Beam	Angle	0.00	10	10	-	-	17	-	0.600	X
8399	8399	Beam	Angle	0.00	10	10	-	-	17	-	0.600	X
8400	8400	Beam	Angle	0.00	10	10	-	-	17	-	0.600	X
8401	8401	Beam	Angle	0.00	10	10	-	-	17	-	0.600	X
8402	8402	Beam	Angle	0.00	10	10	-	-	17	-	0.600	X
8403	8403	Beam	Angle	0.00	10	10	-	-	17	-	0.600	X
8404	8404	Beam	Angle	0.00	10	10	-	-	17	-	0.600	X
8405	8405	Beam	Angle	0.00	10	10	-	-	17	-	0.600	X
8406	8406	Beam	Angle	0.00	10	10	-	-	17	-	0.600	X
8407	8407	Beam	Angle	0.00	10	10	-	-	17	-	0.600	X
8408	8408	Beam	Angle	0.00	10	10	-	-	17	-	0.600	X
8409	8501	Beam	Angle	180.00	6	6	-	-	14	-	0.400	Z
8410	8502	Beam	Angle	180.00	6	6	-	-	14	-	0.500	Z
8411	9198	Beam	Angle	0.00	6	6	-	-	12	-	0.205	Z
8412	9202	Beam	Angle	0.00	6	6	-	-	12	-	0.505	Z
8413	8474	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
8414	9396	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
8415	9397	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
8416	9398	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
8417	8475	Beam	Angle	0.00	10	10	-	-	17	-	0.300	X
8418	8476	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
8419	8477	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
8420	8486	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
8421	8487	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
8422	8488	Beam	Angle	0.00	10	10	-	-	17	-	0.629	X
8423	9253	Beam	Angle	0.00	13	13	1	1	-	-	1.130	YZ
8424	9399	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
8425	9204	Beam	Angle	0.00	6	6	-	-	12	-	0.500	Z
8426	8519	Beam	Angle	180.00	6	6	-	-	14	-	0.400	Z
8427	8518	Beam	Angle	180.00	6	6	-	-	14	-	0.200	Z
8428	8520	Beam	Angle	180.00	6	6	-	-	14	-	0.100	Z
8429	8521	Beam	Angle	180.00	6	6	-	-	14	-	0.100	Z
8430	8503	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
8431	8504	Beam	Angle	0.00	10	10	-	-	17	-	0.300	X
8432	8505	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
8433	8509	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
8434	8510	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
8435	8511	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
8436	8512	Beam	Angle	0.00	10	10	-	-	17	-	0.629	X
8437	9205	Beam	Angle	0.00	6	6	-	-	12	-	0.205	Z
8438	9219	Beam	Angle	0.00	6	6	-	-	12	-	0.295	Z
8439	8515	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
8440	8423	Beam	Angle	0.00	10	10	-	-	19	-	0.002	Y
8441	8424	Beam	Angle	0.00	10	10	-	-	19	-	0.002	Y
8442	8425	Beam	Angle	0.00	10	10	-	-	19	-	0.002	Y
8443	8426	Beam	Angle	0.00	10	10	-	-	19	-	0.002	Y
8444	8427	Beam	Angle	0.00	10	10	-	-	19	-	0.002	Y
8445	8428	Beam	Angle	0.00	10	10	-	-	19	-	0.002	Y
8446	8429	Beam	Angle	0.00	10	10	-	-	19	-	0.002	Y
8447	7072	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
8448	8431	Beam	Angle	0.00	10	10	-	-	19	-	0.002	Y
8449	8540	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
8450	8541	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
8451	8542	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
8452	8543	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
8453	8544	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
8454	8545	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
8455	8537	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
8456	8538	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
8457	8539	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
8458	8534	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
8459	8535	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
8460	8536	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
8461	8522	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
8462	8531	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
8463	8532	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
8464	8533	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
8465	8523	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
8466	8524	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
8467	8527	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
8468	8525	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
8469	8526	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
8470	8528	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
8471	8529	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
8472	8530	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
8473	8548	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
8474	6717	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
8475	6734	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
8476	6765	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
8477	6796	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
8478	6827	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
8479	6951	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
8480	6982	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
8481	7013	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
8482	7044	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
8483	8546	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
8484	8547	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
8485	9400	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
8486	9403	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
8487	9404	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
8488	6986	Beam	Angle	180.00	6	6	-	-	12	-	0.100	Z
8489	7017	Beam	Angle	180.00	6	6	-	-	12	-	0.500	Z
8490	7048	Beam	Angle	180.00	6	6	-	-	12	-	0.100	Z
8491	8561	Beam	Angle	180.00	6	6	-	-	12	-	0.500	Z
8492	8562	Beam	Angle	180.00	6	6	-	-	12	-	0.100	Z
8493	8563	Beam	Angle	180.00	6	6	-	-	12	-	0.500	Z
8494	8572	Beam	Angle	0.00	1	1	-	-	-	-	0.130	Z
8495	8573	Beam	Angle	0.00	1	1	-	-	-	-	0.130	Z
8496	8568	Beam	Angle	0.00	1	1	-	-	-	-	0.130	Z
8497	8516	Beam	Angle	0.00	10	10	-	-	17	-	0.300	X
8498	8567	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
8499	8569	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
8500	8570	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
8501	8583	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
8502	8584	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
8503	8574	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
8504	8571	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
8505	9411	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
8506	8575	Beam	Angle	0.00	10	10	-	-	17	-	0.629	X
8507	9412	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
8508	9226	Beam	Angle	0.00	6	6	-	-	12	-	0.500	Z
8509	9405	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
8510	9227	Beam	Angle	0.00	6	6	-	-	12	-	0.205	Z
8511	9406	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
8512	8586	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
8513	8585	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
8514	8595	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
8515	8581	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
8516	8587	Beam	Angle	0.00	10	10	-	-	17	-	0.300	X
8517	8588	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
8518	8589	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
8519	8590	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
8520	8591	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
8521	8592	Beam	Angle	0.00	10	10	-	-	17	-	0.629	X
8522	9228	Beam	Angle	0.00	6	6	-	-	12	-	0.505	Z
8523	8596	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
8524	8597	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
8525	8602	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
8526	6989	Beam	Angle	0.00	1	1	-	-	-	-	0.330	Z
8527	8598	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
8528	8599	Beam	Angle	0.00	10	10	-	-	17	-	0.300	X
8529	8600	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
8530	6767	Beam	Angle	0.00	11	11	-	-	-	-	1.152	Y
8531	6929	Beam	Angle	0.00	11	11	-	-	-	-	1.152	Y
8532	7015	Beam	Angle	0.00	11	11	-	-	-	-	1.051	Y
8533	7929	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
8534	7964	Beam	Angle	0.00	1	1	-	-	-	-	0.550	Z
8535	7887	Beam	Angle	0.00	11	11	-	-	-	-	1.152	Y
8536	7888	Beam	Angle	0.00	11	11	-	-	-	-	1.152	Y
8537	7915	Beam	Angle	0.00	11	11	-	-	-	-	1.051	Y
8538	7916	Beam	Angle	0.00	11	11	-	-	-	-	1.152	Y
8539	7946	Beam	Angle	0.00	11	11	-	-	-	-	1.152	Y
8540	7963	Beam	Angle	0.00	11	11	-	-	-	-	1.051	Y
8541	7965	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
8542	7992	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
8543	7993	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
8544	8004	Beam	Angle	0.00	1	1	-	-	-	-	0.550	Z
8545	8021	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
8546	8022	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
8547	8023	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
8548	8031	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
8549	8032	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
8550	8043	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
8551	8060	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
8552	8061	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
8553	8130	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
8554	8160	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
8555	8177	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
8556	8062	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
8557	8083	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
8558	8100	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
8559	8070	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
8560	8102	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
8561	8129	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
8562	8071	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
8563	8101	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
8564	8178	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
8565	8179	Beam	Angle	0.00	1	1	-	-	-	-	0.550	Z
8566	8206	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
8567	8207	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
8568	8218	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
8569	8235	Beam	Angle	0.00	1	1	-	-	-	-	0.550	Z
8570	8236	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
8571	8237	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
8572	8274	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
8573	8245	Beam	Angle	0.00	11	11	-	-	-	-	1.152	Y
8574	8246	Beam	Angle	0.00	11	11	-	-	-	-	1.152	Y
8575	8257	Beam	Angle	0.00	11	11	-	-	-	-	1.051	Y
8576	8275	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
8577	8315	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
8578	8276	Beam	Angle	0.00	11	11	-	-	-	-	1.152	Y
8579	8284	Beam	Angle	0.00	11	11	-	-	-	-	1.152	Y
8580	8285	Beam	Angle	0.00	11	11	-	-	-	-	1.051	Y
8581	8296	Beam	Angle	0.00	11	11	-	-	-	-	1.152	Y
8582	8313	Beam	Angle	0.00	11	11	-	-	-	-	1.152	Y
8583	8314	Beam	Angle	0.00	11	11	-	-	-	-	1.051	Y
8584	8343	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
8585	8373	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
8586	8409	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
8587	8450	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
8588	8467	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
8589	8468	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
8590	8410	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
8591	8411	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
8592	8430	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
8593	8439	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
8594	8469	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
8595	8478	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
8596	8489	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
8597	8506	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
8598	8507	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
8599	8508	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
8600	8517	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
8601	8576	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
8602	8578	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
8603	8580	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
8604	8582	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
8605	8603	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
8606	8604	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
8607	8605	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
8608	8606	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
8609	8607	Beam	Angle	0.00	2	2	-	-	-	-	0.100	Z
8610	8608	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
8611	8609	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
8612	8617	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
8613	8618	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
8614	8625	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
8615	8610	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
8616	8614	Beam	Angle	0.00	11	11	-	-	-	-	1.152	Y
8617	8615	Beam	Angle	0.00	11	11	-	-	-	-	1.152	Y
8618	8616	Beam	Angle	0.00	11	11	-	-	-	-	1.051	Y
8619	8611	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
8620	8612	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
8621	8619	Beam	Angle	0.00	11	11	-	-	-	-	1.152	Y
8622	8620	Beam	Angle	0.00	11	11	-	-	-	-	1.152	Y
8623	8621	Beam	Angle	0.00	11	11	-	-	-	-	1.051	Y
8624	8622	Beam	Angle	0.00	11	11	-	-	-	-	1.152	Y
8625	8623	Beam	Angle	0.00	11	11	-	-	-	-	1.152	Y
8626	8624	Beam	Angle	0.00	11	11	-	-	-	-	1.051	Y
8627	8613	Beam	Angle	0.00	3	3	1	1	-	-	2.052	
8628	8626	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
8629	8627	Beam	Angle	0.00	1	1	-	-	-	-	0.550	Z
8630	8628	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
8631	8629	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
8632	8630	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
8633	8631	Beam	Angle	0.00	1	1	-	-	-	-	0.550	Z
8634	8632	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
8635	8633	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
8636	8634	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
8637	8635	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
8638	8636	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
8639	8637	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
8640	8638	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
8641	8643	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
8642	8646	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
8643	8641	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
8644	8642	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
8645	8639	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
8646	8644	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
8647	8645	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
8648	8640	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
8649	8647	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
8650	8648	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
8651	8649	Beam	Angle	0.00	3	3	1	1	-	-	1.700	
8652	8650	Beam	Angle	0.00	3	3	1	1	-	-	1.700	
8653	8651	Beam	Angle	0.00	3	3	1	1	-	-	1.700	
8654	8652	Beam	Angle	0.00	3	3	1	1	-	-	1.700	
8655	8653	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
8656	8654	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
8657	8655	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
8658	8656	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
8659	8657	Beam	Angle	0.00	11	11	-	-	-	-	1.152	Y
8660	8658	Beam	Angle	0.00	11	11	-	-	-	-	1.152	Y
8661	8659	Beam	Angle	0.00	11	11	-	-	-	-	1.051	Y
8662	8660	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
8663	8661	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
8664	8662	Beam	Angle	0.00	11	11	-	-	-	-	1.152	Y
8665	8663	Beam	Angle	0.00	11	11	-	-	-	-	1.152	Y
8666	8664	Beam	Angle	0.00	11	11	-	-	-	-	1.051	Y
8667	8665	Beam	Angle	0.00	11	11	-	-	-	-	1.152	Y
8668	8666	Beam	Angle	0.00	11	11	-	-	-	-	1.152	Y
8669	8667	Beam	Angle	0.00	11	11	-	-	-	-	1.051	Y
8670	8670	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
8671	8671	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
8672	8668	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
8673	8669	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
8674	8672	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
8675	8673	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
8676	8674	Beam	Angle	0.00	3	3	1	1	-	-	1.700	
8677	8675	Beam	Angle	0.00	3	3	1	1	-	-	1.700	
8678	8676	Beam	Angle	0.00	3	3	1	1	-	-	1.700	
8679	8677	Beam	Angle	0.00	3	3	1	1	-	-	1.700	
8680	8678	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
8681	8679	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
8682	8680	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
8683	8681	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
8684	8682	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
8685	8683	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
8686	8684	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
8687	8685	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
8688	8690	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
8689	8687	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
8690	8688	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
8691	8691	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
8692	8686	Beam	Angle	0.00	1	1	-	-	-	-	0.650	Z
8693	8689	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
8694	8692	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
8695	8693	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
8696	8694	Beam	Angle	0.00	3	3	1	1	-	-	1.700	
8697	8695	Beam	Angle	0.00	3	3	1	1	-	-	1.700	
8698	8696	Beam	Angle	0.00	3	3	1	1	-	-	1.700	
8699	8697	Beam	Angle	0.00	3	3	1	1	-	-	1.700	
8700	8698	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
8701	8699	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
8702	8700	Beam	Angle	0.00	11	11	-	-	-	-	1.152	Y
8703	8701	Beam	Angle	0.00	11	11	-	-	-	-	1.152	Y
8704	8702	Beam	Angle	0.00	11	11	-	-	-	-	1.051	Y
8705	8703	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
8706	8704	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
8707	8705	Beam	Angle	0.00	11	11	-	-	-	-	1.152	Y
8708	8706	Beam	Angle	0.00	11	11	-	-	-	-	1.152	Y
8709	8707	Beam	Angle	0.00	11	11	-	-	-	-	1.051	Y
8710	8708	Beam	Angle	0.00	11	11	-	-	-	-	1.152	Y
8711	8709	Beam	Angle	0.00	11	11	-	-	-	-	1.152	Y
8712	8710	Beam	Angle	0.00	11	11	-	-	-	-	1.051	Y
8713	8711	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
8714	8712	Beam	Angle	0.00	4	4	1	1	-	-	1.152	X
8715	8715	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
8716	8716	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
8717	8713	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
8718	8714	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
8719	8717	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
8720	8718	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
8721	8719	Beam	Angle	0.00	3	3	1	1	-	-	1.700	
8722	8720	Beam	Angle	0.00	3	3	1	1	-	-	1.700	
8723	8721	Beam	Angle	0.00	3	3	1	1	-	-	1.700	
8724	8722	Beam	Angle	0.00	3	3	1	1	-	-	1.700	
8725	8723	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
8726	8724	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
8727	8725	Beam	Angle	0.00	13	13	1	1	-	-	1.152	X
8728	8726	Beam	Angle	0.00	13	13	1	-	-	-	0.100	X
8729	8727	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
8730	8728	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
8731	8729	Beam	Angle	0.00	13	13	1	1	-	-	1.152	X
8732	8730	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
8733	8731	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
8734	8732	Beam	Angle	0.00	13	13	1	-	-	-	0.100	X
8735	8733	Beam	Angle	0.00	13	13	1	1	-	-	1.152	X
8736	8734	Beam	Angle	0.00	13	13	1	-	-	-	0.100	X
8737	8735	Beam	Angle	0.00	13	13	1	1	-	-	1.152	X
8738	8736	Beam	Angle	0.00	13	13	1	-	-	-	0.100	X
8739	8737	Beam	Angle	0.00	13	13	1	1	-	-	1.152	X
8740	8738	Beam	Angle	0.00	13	13	1	1	-	-	1.152	X
8741	8739	Beam	Angle	0.00	13	13	1	-	-	-	0.100	X
8742	8775	Beam	Angle	0.00	13	13	1	1	-	-	1.152	X
8743	8776	Beam	Angle	0.00	13	13	1	-	-	-	0.100	X

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
8744	8777	Beam	Angle	0.00	13	13	1	1	-	-	1.152	X
8745	8743	Beam	Angle	0.00	11	11	-	-	-	-	1.152	Y
8746	8744	Beam	Angle	0.00	11	11	-	-	-	-	1.152	Y
8747	8745	Beam	Angle	0.00	11	11	-	-	-	-	1.051	Y
8748	8778	Beam	Angle	0.00	13	13	1	-	-	-	0.100	X
8749	8779	Beam	Angle	0.00	13	13	1	1	-	-	1.152	X
8750	8748	Beam	Angle	0.00	11	11	-	-	-	-	1.152	Y
8751	8749	Beam	Angle	0.00	11	11	-	-	-	-	1.152	Y
8752	8750	Beam	Angle	0.00	11	11	-	-	-	-	1.051	Y
8753	8751	Beam	Angle	0.00	11	11	-	-	-	-	1.152	Y
8754	8752	Beam	Angle	0.00	11	11	-	-	-	-	1.152	Y
8755	8753	Beam	Angle	0.00	11	11	-	-	-	-	1.051	Y
8756	8780	Beam	Angle	0.00	13	13	1	-	-	-	0.100	X
8757	8808	Beam	Angle	0.00	13	13	1	1	-	-	1.152	X
8758	8809	Beam	Angle	0.00	13	13	1	-	-	-	0.100	X
8759	8810	Beam	Angle	0.00	13	13	1	1	-	-	1.152	X
8760	8811	Beam	Angle	0.00	13	13	1	-	-	-	0.100	X
8761	8812	Beam	Angle	0.00	13	13	1	1	-	-	1.152	X
8762	8815	Beam	Angle	0.00	13	13	1	-	-	-	0.100	X
8763	8845	Beam	Angle	0.00	13	13	1	1	-	-	1.152	X
8764	8846	Beam	Angle	0.00	13	13	1	-	-	-	0.100	X
8765	8847	Beam	Angle	0.00	13	13	1	1	-	-	1.152	X
8766	8848	Beam	Angle	0.00	13	13	1	-	-	-	0.100	X
8767	8849	Beam	Angle	0.00	13	13	1	1	-	-	1.152	X
8768	8850	Beam	Angle	0.00	13	13	1	-	-	-	0.100	X
8769	8873	Beam	Angle	0.00	13	13	1	1	-	-	1.152	X
8770	8874	Beam	Angle	0.00	13	13	1	-	-	-	0.100	X
8771	8875	Beam	Angle	0.00	13	13	1	1	-	-	1.152	X
8772	8770	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
8773	8771	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
8774	8876	Beam	Angle	0.00	13	13	1	-	-	-	0.100	X
8775	8773	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
8776	8774	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
8777	8877	Beam	Angle	0.00	13	13	1	1	-	-	1.152	X
8778	8878	Beam	Angle	0.00	13	13	1	-	-	-	0.100	X
8779	8897	Beam	Angle	0.00	13	13	1	1	-	-	1.152	X
8780	8898	Beam	Angle	0.00	13	13	1	-	-	-	0.100	X
8781	8901	Beam	Angle	0.00	13	13	1	1	-	-	1.152	X
8782	8904	Beam	Angle	0.00	13	13	1	-	-	-	0.100	X
8783	8905	Beam	Angle	0.00	13	13	1	1	-	-	1.152	X
8784	8906	Beam	Angle	0.00	13	13	1	-	-	-	0.100	X
8785	8925	Beam	Angle	0.00	13	13	1	1	-	-	1.152	X
8786	8926	Beam	Angle	0.00	13	13	1	-	-	-	0.100	X
8787	8927	Beam	Angle	0.00	13	13	1	1	-	-	1.152	X
8788	8786	Beam	Angle	0.00	11	11	-	-	-	-	1.152	Y
8789	8787	Beam	Angle	0.00	11	11	-	-	-	-	1.152	Y
8790	8788	Beam	Angle	0.00	11	11	-	-	-	-	1.051	Y
8791	8928	Beam	Angle	0.00	13	13	1	-	-	-	0.100	X
8792	8929	Beam	Angle	0.00	13	13	1	1	-	-	1.152	X
8793	8791	Beam	Angle	0.00	11	11	-	-	-	-	1.152	Y
8794	8792	Beam	Angle	0.00	11	11	-	-	-	-	1.152	Y
8795	8793	Beam	Angle	0.00	11	11	-	-	-	-	1.051	Y
8796	8794	Beam	Angle	0.00	11	11	-	-	-	-	1.152	Y
8797	8795	Beam	Angle	0.00	11	11	-	-	-	-	1.152	Y
8798	8796	Beam	Angle	0.00	11	11	-	-	-	-	1.051	Y
8799	8930	Beam	Angle	0.00	13	13	1	-	-	-	0.100	X
8800	8944	Beam	Angle	0.00	13	13	-	1	-	-	0.100	X
8801	8947	Beam	Angle	0.00	13	13	-	1	-	-	0.100	X
8802	8948	Beam	Angle	0.00	13	13	-	1	-	-	0.100	X
8803	8967	Beam	Angle	0.00	13	13	-	1	-	-	0.100	X
8804	8968	Beam	Angle	0.00	13	13	-	1	-	-	0.100	X
8805	8969	Beam	Angle	0.00	13	13	-	1	-	-	0.100	X
8806	9230	Beam	Angle	0.00	6	6	-	-	12	-	0.500	Z
8807	9231	Beam	Angle	0.00	6	6	-	-	12	-	0.205	Z
8808	9243	Beam	Angle	0.00	6	6	-	-	12	-	0.295	Z
8809	9250	Beam	Angle	0.00	6	6	-	-	12	-	0.500	Z
8810	8981	Beam	Angle	0.00	13	13	-	1	-	-	0.100	X
8811	8982	Beam	Angle	0.00	13	13	-	1	-	-	0.100	X
8812	8983	Beam	Angle	0.00	13	13	-	1	-	-	0.100	X
8813	9251	Beam	Angle	0.00	6	6	-	-	12	-	0.205	Z
8814	9252	Beam	Angle	0.00	6	6	-	-	12	-	0.505	Z
8815	8813	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
8816	8814	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
8817	7032	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
8818	8816	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
8819	8817	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
8820	9254	Beam	Angle	0.00	6	6	-	-	12	-	0.500	Z
8821	9255	Beam	Angle	0.00	6	6	-	-	12	-	0.205	Z
8822	9179	Beam	Angle	0.00	13	13	1	-	-	-	1.126	X
8823	9180	Beam	Angle	0.00	13	13	1	-	-	-	0.074	X
8824	9006	Beam	Angle	0.00	13	13	-	1	-	-	0.100	X
8825	9007	Beam	Angle	0.00	13	13	-	1	-	-	0.100	X
8826	9008	Beam	Angle	0.00	13	13	-	1	-	-	0.100	X
8827	9181	Beam	Angle	0.00	13	13	1	-	-	-	1.126	X
8828	9182	Beam	Angle	0.00	13	13	1	-	-	-	0.074	X
8829	9183	Beam	Angle	0.00	13	13	1	-	-	-	1.126	X
8830	9184	Beam	Angle	0.00	13	13	1	-	-	-	0.074	X
8831	8829	Beam	Angle	0.00	11	11	-	-	-	-	1.152	Y
8832	8830	Beam	Angle	0.00	11	11	-	-	-	-	1.152	Y
8833	8831	Beam	Angle	0.00	11	11	-	-	-	-	1.051	Y
8834	9206	Beam	Angle	0.00	13	13	1	1	-	-	1.152	X
8835	9207	Beam	Angle	0.00	13	13	1	-	-	-	0.100	XY
8836	8834	Beam	Angle	0.00	11	11	-	-	-	-	1.152	Y
8837	8835	Beam	Angle	0.00	11	11	-	-	-	-	1.152	Y

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
8838	8836	Beam	Angle	0.00	11	11	-	-	-	-	1.051	Y
8839	8837	Beam	Angle	0.00	11	11	-	-	-	-	1.152	Y
8840	8838	Beam	Angle	0.00	11	11	-	-	-	-	1.152	Y
8841	8839	Beam	Angle	0.00	11	11	-	-	-	-	1.051	Y
8842	9210	Beam	Angle	0.00	13	13	1	1	-	-	1.152	X
8843	9027	Beam	Angle	0.00	13	13	-	1	-	-	0.100	X
8844	9030	Beam	Angle	0.00	13	13	-	1	-	-	0.100	X
8845	9033	Beam	Angle	0.00	13	13	-	1	-	-	0.100	X
8846	9211	Beam	Angle	0.00	13	13	1	-	-	-	0.100	XY
8847	9212	Beam	Angle	0.00	13	13	1	1	-	-	1.152	X
8848	9213	Beam	Angle	0.00	13	13	1	-	-	-	0.100	XY
8849	9232	Beam	Angle	0.00	13	13	1	1	-	-	1.152	X
8850	9233	Beam	Angle	0.00	13	13	1	-	-	-	0.100	XY
8851	9234	Beam	Angle	0.00	13	13	1	1	-	-	1.152	X
8852	9235	Beam	Angle	0.00	13	13	1	-	-	-	0.100	XY
8853	9057	Beam	Angle	0.00	13	13	-	1	-	-	0.100	X
8854	9058	Beam	Angle	0.00	13	13	-	1	-	-	0.100	X
8855	9059	Beam	Angle	0.00	13	13	-	1	-	-	0.100	X
8856	9236	Beam	Angle	0.00	13	13	1	1	-	-	1.152	X
8857	9237	Beam	Angle	0.00	13	13	1	-	-	-	0.100	XY
8858	8856	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
8859	8857	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
8860	9256	Beam	Angle	0.00	13	13	1	1	-	-	1.152	X
8861	8859	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
8862	8860	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
8863	9257	Beam	Angle	0.00	13	13	1	-	-	-	0.100	X
8864	9258	Beam	Angle	0.00	13	13	1	1	-	-	1.152	X
8865	9259	Beam	Angle	0.00	13	13	1	-	-	-	0.100	X
8866	9260	Beam	Angle	0.00	13	13	1	1	-	-	1.152	X
8867	9078	Beam	Angle	0.00	13	13	-	1	-	-	0.100	X
8868	9079	Beam	Angle	0.00	13	13	-	1	-	-	0.100	X
8869	9080	Beam	Angle	0.00	13	13	-	1	-	-	0.100	X
8870	9261	Beam	Angle	0.00	13	13	1	-	-	-	0.100	X
8871	9273	Beam	Angle	0.00	13	13	-	1	-	-	0.100	XY
8872	9274	Beam	Angle	0.00	13	13	-	1	-	-	0.100	XY
8873	9275	Beam	Angle	0.00	13	13	-	1	-	-	0.100	XY
8874	9299	Beam	Angle	0.00	13	13	-	1	-	-	0.100	X
8875	9300	Beam	Angle	0.00	13	13	-	1	-	-	0.100	X
8876	9301	Beam	Angle	0.00	13	13	-	1	-	-	0.100	X
8877	9099	Beam	Angle	0.00	13	13	-	1	-	-	0.100	X
8878	9100	Beam	Angle	0.00	13	13	-	1	-	-	0.100	X
8879	9101	Beam	Angle	0.00	13	13	-	1	-	-	0.100	X
8880	9113	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
8881	9112	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
8882	9109	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
8883	9110	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
8884	9111	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
8885	9114	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
8886	9115	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
8887	9118	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
8888	9117	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
8889	9116	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
8890	9120	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
8891	9121	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
8892	9119	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
8893	9128	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
8894	9125	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
8895	9126	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
8896	9127	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
8897	9129	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
8898	9130	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
8899	9137	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
8900	9138	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
8901	8899	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
8902	8900	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
8903	9135	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
8904	8902	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
8905	8903	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
8906	9136	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
8907	9134	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
8908	9133	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
8909	9142	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
8910	9139	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
8911	9140	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
8912	9141	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
8913	9143	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
8914	9144	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
8915	9147	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
8916	9148	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
8917	9146	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
8918	9145	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
8919	9150	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
8920	9149	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
8921	9161	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
8922	4432	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
8923	9159	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
8924	9163	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
8925	9158	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
8926	9160	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
8927	4427	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
8928	9152	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
8929	9154	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
8930	4434	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
8931	9153	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
8932	9156	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
8933	9157	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
8934	4439	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
8935	4445	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
8936	9151	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
8937	6323	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
8938	8935	Beam	Angle	0.00	6	6	-	-	18	-	0.295	Z
8939	8936	Beam	Angle	0.00	6	6	-	-	18	-	0.500	Z
8940	8937	Beam	Angle	0.00	6	6	-	-	18	-	0.205	Z
8941	8938	Beam	Angle	0.00	6	6	-	-	18	-	0.505	Z
8942	9781	Beam	Angle	0.00	13	13	1	-	-	-	0.065	YZ
8943	8940	Beam	Angle	0.00	6	6	-	-	18	-	0.500	Z
8944	8942	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
8945	8943	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
8946	8941	Beam	Angle	0.00	6	6	-	-	18	-	0.205	Z
8947	8945	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
8948	8946	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
8949	8974	Beam	Angle	0.00	6	6	-	-	18	-	0.295	Z
8950	8975	Beam	Angle	0.00	6	6	-	-	18	-	0.500	Z
8951	8976	Beam	Angle	0.00	6	6	-	-	18	-	0.205	Z
8952	8977	Beam	Angle	0.00	6	6	-	-	18	-	0.505	Z
8953	7291	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
8954	8979	Beam	Angle	0.00	6	6	-	-	18	-	0.500	Z
8955	8980	Beam	Angle	0.00	6	6	-	-	18	-	0.205	Z
8956	8999	Beam	Angle	0.00	6	6	-	-	18	-	0.295	Z
8957	9000	Beam	Angle	0.00	6	6	-	-	18	-	0.500	Z
8958	9001	Beam	Angle	0.00	6	6	-	-	18	-	0.205	Z
8959	9002	Beam	Angle	0.00	6	6	-	-	18	-	0.505	Z
8960	9806	Beam	Angle	0.00	13	13	1	1	-	-	1.239	YZ
8961	9004	Beam	Angle	0.00	6	6	-	-	18	-	0.500	Z
8962	9005	Beam	Angle	0.00	6	6	-	-	18	-	0.205	Z
8963	9020	Beam	Angle	0.00	6	6	-	-	18	-	0.295	Z
8964	9021	Beam	Angle	0.00	6	6	-	-	18	-	0.500	Z
8965	9022	Beam	Angle	0.00	6	6	-	-	18	-	0.205	Z
8966	9023	Beam	Angle	0.00	6	6	-	-	18	-	0.505	Z
8967	9816	Beam	Angle	0.00	13	13	1	1	-	-	1.130	YZ
8968	9025	Beam	Angle	0.00	6	6	-	-	18	-	0.500	Z
8969	9026	Beam	Angle	0.00	6	6	-	-	18	-	0.205	Z
8970	9045	Beam	Angle	0.00	6	6	-	-	18	-	0.295	Z
8971	9049	Beam	Angle	0.00	6	6	-	-	18	-	0.500	Z
8972	9050	Beam	Angle	0.00	6	6	-	-	18	-	0.205	Z
8973	9051	Beam	Angle	0.00	6	6	-	-	18	-	0.505	Z
8974	11177	Beam	Angle	0.00	1	1	-	-	-	-	0.028	Z
8975	9053	Beam	Angle	0.00	6	6	-	-	18	-	0.500	Z
8976	9054	Beam	Angle	0.00	6	6	-	-	18	-	0.205	Z
8977	9071	Beam	Angle	0.00	6	6	-	-	18	-	0.295	Z
8978	9072	Beam	Angle	0.00	6	6	-	-	18	-	0.500	Z
8979	9073	Beam	Angle	0.00	6	6	-	-	18	-	0.205	Z
8980	9074	Beam	Angle	0.00	6	6	-	-	18	-	0.505	Z
8981	11156	Beam	Angle	0.00	1	1	-	-	-	-	0.028	Z
8982	9076	Beam	Angle	0.00	6	6	-	-	18	-	0.500	Z
8983	9077	Beam	Angle	0.00	6	6	-	-	18	-	0.205	Z
8984	9092	Beam	Angle	0.00	6	6	-	-	18	-	0.295	Z
8985	9093	Beam	Angle	0.00	6	6	-	-	18	-	0.500	Z
8986	9094	Beam	Angle	0.00	6	6	-	-	18	-	0.205	Z
8987	8985	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
8988	8986	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
8989	9095	Beam	Angle	0.00	6	6	-	-	18	-	0.505	Z
8990	8988	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
8991	8989	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
8992	9902	Beam	Angle	0.00	13	13	1	-	-	-	0.065	YZ
8993	9097	Beam	Angle	0.00	6	6	-	-	18	-	0.500	Z
8994	9098	Beam	Angle	0.00	6	6	-	-	18	-	0.205	Z
8995	8954	Beam	Angle	0.00	6	6	-	-	18	-	0.295	Z
8996	8961	Beam	Angle	0.00	6	6	-	-	18	-	0.500	Z
8997	8962	Beam	Angle	0.00	6	6	-	-	18	-	0.205	Z
8998	8963	Beam	Angle	0.00	6	6	-	-	18	-	0.505	Z
8999	11159	Beam	Angle	0.00	1	1	-	-	-	-	0.028	Z
9000	8965	Beam	Angle	0.00	6	6	-	-	18	-	0.500	Z
9001	8966	Beam	Angle	0.00	6	6	-	-	18	-	0.205	Z
9002	9313	Beam	Angle	0.00	13	13	-	1	-	-	0.100	XY
9003	9401	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
9004	9402	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
9005	9407	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
9006	9408	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
9007	9409	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
9008	9410	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
9009	9413	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
9010	9414	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
9011	9415	Beam	Angle	0.00	7	7	-	-	16	-	0.629	X
9012	9416	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
9013	9417	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
9014	9418	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
9015	9419	Beam	Angle	0.00	7	7	-	-	16	-	1.125	X
9016	9420	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
9017	9421	Beam	Angle	0.00	7	7	-	-	16	-	1.200	X
9018	9422	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
9019	9423	Beam	Angle	0.00	7	7	-	-	16	-	0.629	X
9020	9424	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
9021	9425	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
9022	9426	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
9023	9427	Beam	Angle	0.00	7	7	-	-	16	-	1.125	X
9024	9314	Beam	Angle	0.00	13	13	-	1	-	-	0.100	XY
9025	9315	Beam	Angle	0.00	13	13	-	1	-	-	0.100	XY

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
9026	9500	Beam	Angle	0.00	13	13	-	-	-	-	0.100	X
9027	9501	Beam	Angle	0.00	13	13	-	-	-	-	0.100	X
9028	9509	Beam	Angle	0.00	13	13	-	-	-	-	0.100	X
9029	10064	Beam	Angle	0.00	6	6	-	-	18	-	0.295	Z
9030	9028	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
9031	9029	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
9032	10065	Beam	Angle	0.00	6	6	-	-	18	-	0.500	Z
9033	9031	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
9034	9032	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
9035	10066	Beam	Angle	0.00	6	6	-	-	18	-	0.205	Z
9036	10067	Beam	Angle	0.00	6	6	-	-	18	-	0.505	Z
9037	9931	Beam	Angle	0.00	13	13	1	1	-	-	1.239	YZ
9038	10069	Beam	Angle	0.00	6	6	-	-	18	-	0.500	Z
9039	10070	Beam	Angle	0.00	6	6	-	-	18	-	0.205	Z
9040	9306	Beam	Angle	0.00	6	6	-	-	18	-	0.295	Z
9041	9307	Beam	Angle	0.00	6	6	-	-	18	-	0.500	Z
9042	9308	Beam	Angle	0.00	6	6	-	-	18	-	0.205	Z
9043	9309	Beam	Angle	0.00	6	6	-	-	18	-	0.505	Z
9044	9946	Beam	Angle	0.00	13	13	1	1	-	-	1.130	YZ
9045	9311	Beam	Angle	0.00	6	6	-	-	18	-	0.500	Z
9046	9312	Beam	Angle	0.00	6	6	-	-	18	-	0.205	Z
9047	9327	Beam	Angle	0.00	6	6	-	-	18	-	0.295	Z
9048	9328	Beam	Angle	0.00	6	6	-	-	18	-	0.500	Z
9049	9329	Beam	Angle	0.00	6	6	-	-	18	-	0.205	Z
9050	9330	Beam	Angle	0.00	6	6	-	-	18	-	0.505	Z
9051	9886	Beam	Angle	0.00	1	1	-	-	-	-	0.028	Z
9052	9491	Beam	Angle	0.00	6	6	-	-	18	-	0.500	Z
9053	9492	Beam	Angle	0.00	6	6	-	-	18	-	0.205	Z
9054	9284	Beam	Angle	0.00	6	6	-	-	18	-	0.295	Z
9055	9293	Beam	Angle	0.00	6	6	-	-	18	-	0.500	Z
9056	9294	Beam	Angle	0.00	6	6	-	-	18	-	0.205	Z
9057	9295	Beam	Angle	0.00	6	6	-	-	18	-	0.505	Z
9058	9961	Beam	Angle	0.00	1	1	-	-	-	-	0.028	Z
9059	9297	Beam	Angle	0.00	6	6	-	-	18	-	0.500	Z
9060	9298	Beam	Angle	0.00	6	6	-	-	18	-	0.205	Z
9061	6327	Beam	Angle	0.00	1	1	-	-	-	-	0.050	YZ
9062	6332	Beam	Angle	0.00	1	1	-	-	-	-	0.050	YZ
9063	10071	Beam	Angle	0.00	13	13	-	1	-	-	0.026	X
9064	10101	Beam	Angle	0.00	13	13	-	1	-	-	0.026	X
9065	10102	Beam	Angle	0.00	13	13	-	1	-	-	0.026	X
9066	10103	Beam	Angle	0.00	1	1	-	-	-	-	0.150	YZ
9067	10104	Beam	Angle	0.00	1	1	-	-	-	-	0.050	YZ
9068	10105	Beam	Angle	0.00	1	1	-	-	-	-	0.050	YZ
9069	10107	Beam	Angle	0.00	13	13	-	1	-	-	0.026	X
9070	10106	Beam	Angle	0.00	13	13	-	1	-	-	0.026	X
9071	10108	Beam	Angle	0.00	13	13	-	1	-	-	0.026	X
9072	10128	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
9073	10109	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
9074	10129	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
9075	10130	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
9076	10131	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
9077	10132	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
9078	10133	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
9079	10134	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
9080	10135	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
9081	10136	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
9082	10137	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
9083	10139	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
9084	10140	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
9085	10138	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
9086	10143	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
9087	10142	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
9088	10141	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
9089	10144	Beam	Angle	0.00	3	3	-	1	-	-	1.407	
9090	10145	Beam	Angle	0.00	13	13	-	1	-	-	2.136	
9091	10146	Beam	Angle	2.67	1	1	-	-	-	-	0.220	Z
9092	10147	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9093	10148	Beam	Angle	2.67	1	1	-	-	-	-	0.502	Z
9094	10149	Beam	Angle	2.67	1	1	-	-	-	-	0.155	Z
9095	10150	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9096	10151	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9097	10152	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9098	10153	Beam	Angle	2.67	1	1	-	-	-	-	0.220	Z
9099	10154	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9100	10155	Beam	Angle	2.67	1	1	-	-	-	-	0.670	Z
9101	10156	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9102	10157	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9103	10158	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9104	10159	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9105	10160	Beam	Angle	0.00	4	4	-	-	-	-	1.090	XY
9106	10161	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
9107	10162	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
9108	10163	Beam	Angle	0.00	4	4	-	-	-	-	1.090	XY
9109	10164	Beam	Angle	0.00	4	4	-	-	-	-	1.090	XY
9110	10165	Beam	Angle	0.00	4	4	-	-	-	-	1.090	XY
9111	10166	Beam	Angle	0.00	4	4	-	-	-	-	1.090	XY
9112	10167	Beam	Angle	0.00	4	4	-	-	-	-	1.090	XY
9113	10168	Beam	Angle	0.00	4	4	-	-	-	-	1.090	XY
9114	10169	Beam	Angle	2.67	1	1	-	-	-	-	0.220	Z
9115	10170	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9116	10171	Beam	Angle	2.67	1	1	-	-	-	-	0.502	Z
9117	10172	Beam	Angle	2.67	1	1	-	-	-	-	0.155	Z
9118	10173	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9119	10174	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
9120	10175	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9121	10176	Beam	Angle	2.67	1	1	-	-	-	-	0.220	Z
9122	10177	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9123	10178	Beam	Angle	2.67	1	1	-	-	-	-	0.670	Z
9124	10179	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9125	10180	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9126	10181	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9127	10182	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9128	10183	Beam	Angle	0.00	4	4	-	-	-	-	1.090	XY
9129	10184	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
9130	10185	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
9131	10186	Beam	Angle	0.00	4	4	-	-	-	-	1.090	XY
9132	10187	Beam	Angle	0.00	4	4	-	-	-	-	1.090	XY
9133	10188	Beam	Angle	0.00	4	4	-	-	-	-	1.090	XY
9134	10189	Beam	Angle	0.00	4	4	-	-	-	-	1.090	XY
9135	10190	Beam	Angle	0.00	4	4	-	-	-	-	1.090	XY
9136	10191	Beam	Angle	0.00	4	4	-	-	-	-	1.090	XY
9137	10192	Beam	Angle	2.67	1	1	-	-	-	-	0.220	Z
9138	10193	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9139	10194	Beam	Angle	2.67	1	1	-	-	-	-	0.502	Z
9140	10195	Beam	Angle	2.67	1	1	-	-	-	-	0.155	Z
9141	10196	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9142	10197	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9143	10198	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9144	10199	Beam	Angle	2.67	1	1	-	-	-	-	0.220	Z
9145	10200	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9146	10201	Beam	Angle	2.67	1	1	-	-	-	-	0.670	Z
9147	10202	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9148	10203	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9149	10204	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9150	10205	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9151	10206	Beam	Angle	0.00	4	4	-	-	-	-	1.090	XY
9152	10207	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
9153	10208	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
9154	10209	Beam	Angle	0.00	4	4	-	-	-	-	1.090	XY
9155	10210	Beam	Angle	0.00	4	4	-	-	-	-	1.090	XY
9156	10211	Beam	Angle	0.00	4	4	-	-	-	-	1.090	XY
9157	10212	Beam	Angle	0.00	4	4	-	-	-	-	1.090	XY
9158	10213	Beam	Angle	0.00	4	4	-	-	-	-	1.090	XY
9159	10214	Beam	Angle	0.00	4	4	-	-	-	-	1.090	XY
9160	10215	Beam	Angle	2.67	1	1	-	-	-	-	0.220	Z
9161	10216	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9162	10217	Beam	Angle	2.67	1	1	-	-	-	-	0.502	Z
9163	10218	Beam	Angle	2.67	1	1	-	-	-	-	0.155	Z
9164	10219	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9165	10220	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9166	10221	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9167	10222	Beam	Angle	2.67	1	1	-	-	-	-	0.220	Z
9168	10223	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9169	10224	Beam	Angle	2.67	1	1	-	-	-	-	0.670	Z
9170	10225	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9171	10226	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9172	10227	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9173	10228	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9174	10229	Beam	Angle	0.00	4	4	-	-	-	-	1.090	XY
9175	10230	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
9176	10231	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
9177	10232	Beam	Angle	0.00	4	4	-	-	-	-	1.090	XY
9178	10233	Beam	Angle	0.00	4	4	-	-	-	-	1.090	XY
9179	10234	Beam	Angle	0.00	4	4	-	-	-	-	1.090	XY
9180	10235	Beam	Angle	0.00	4	4	-	-	-	-	1.090	XY
9181	10236	Beam	Angle	0.00	4	4	-	-	-	-	1.090	XY
9182	10237	Beam	Angle	0.00	4	4	-	-	-	-	1.090	XY
9183	10238	Beam	Angle	2.67	1	1	-	-	-	-	0.220	Z
9184	10239	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9185	10240	Beam	Angle	2.67	1	1	-	-	-	-	0.502	Z
9186	10241	Beam	Angle	2.67	1	1	-	-	-	-	0.155	Z
9187	10242	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9188	10243	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9189	10244	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9190	10245	Beam	Angle	2.67	1	1	-	-	-	-	0.220	Z
9191	10246	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9192	10247	Beam	Angle	2.67	1	1	-	-	-	-	0.670	Z
9193	10248	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9194	10249	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9195	10250	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9196	10251	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9197	10252	Beam	Angle	0.00	4	4	-	-	-	-	1.090	XY
9198	10253	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
9199	10254	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
9200	10255	Beam	Angle	0.00	4	4	-	-	-	-	1.090	XY
9201	10256	Beam	Angle	0.00	4	4	-	-	-	-	1.090	XY
9202	10257	Beam	Angle	0.00	4	4	-	-	-	-	1.090	XY
9203	10258	Beam	Angle	0.00	4	4	-	-	-	-	1.090	XY
9204	10259	Beam	Angle	0.00	4	4	-	-	-	-	1.090	XY
9205	10260	Beam	Angle	0.00	4	4	-	-	-	-	1.090	XY
9206	10275	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
9207	10262	Beam	Angle	0.00	4	4	2	-	-	-	2.640	XY
9208	10282	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
9209	10264	Beam	Angle	0.00	4	4	2	-	-	-	1.500	XY
9210	10265	Beam	Angle	0.00	4	4	2	-	-	-	1.500	XY
9211	10266	Beam	Angle	0.00	4	4	2	-	-	-	1.500	XY
9212	10267	Beam	Angle	0.00	4	4	2	-	-	-	1.500	XY
9213	10284	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
9214	10289	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
9215	10272	Beam	Angle	0.00	4	4	2	-	-	-	1.500	XY
9216	10291	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
9217	10274	Beam	Angle	0.00	4	4	2	-	-	-	2.640	XY
9218	10305	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
9219	10276	Beam	Angle	0.00	4	4	2	-	-	-	1.500	XY
9220	10277	Beam	Angle	0.00	4	4	2	-	-	-	2.640	XY
9221	10278	Beam	Angle	0.00	4	4	2	-	-	-	2.640	XY
9222	10279	Beam	Angle	0.00	4	4	2	-	-	-	2.640	XY
9223	10280	Beam	Angle	0.00	4	4	2	-	-	-	1.500	XY
9224	10281	Beam	Angle	0.00	4	4	2	-	-	-	2.640	XY
9225	515	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
9226	10283	Beam	Angle	0.00	4	4	2	-	-	-	2.640	XY
9227	2584	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
9228	10285	Beam	Angle	0.00	4	4	2	-	-	-	2.640	XY
9229	10286	Beam	Angle	0.00	4	4	2	-	-	-	2.640	XY
9230	10287	Beam	Angle	0.00	4	4	2	-	-	-	2.640	XY
9231	10288	Beam	Angle	0.00	4	4	2	-	-	-	1.500	XY
9232	2666	Beam	Angle	0.00	6	6	-	-	2	-	0.321	Y
9233	10290	Beam	Angle	0.00	4	4	2	-	-	-	2.640	XY
9234	2986	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
9235	10292	Beam	Angle	0.00	4	4	2	-	-	-	1.500	XY
9236	10293	Beam	Angle	0.00	4	4	2	-	-	-	2.640	XY
9237	10294	Beam	Angle	0.00	4	4	2	2	-	-	2.640	XY
9238	10295	Beam	Angle	0.00	4	4	2	2	-	-	2.640	XY
9239	10296	Beam	Angle	0.00	4	4	2	2	-	-	1.500	XY
9240	10297	Beam	Angle	0.00	4	4	2	2	-	-	2.640	XY
9241	10298	Beam	Angle	0.00	4	4	2	2	-	-	2.640	XY
9242	10299	Beam	Angle	0.00	4	4	2	2	-	-	2.640	XY
9243	10300	Beam	Angle	0.00	4	4	2	2	-	-	1.500	XY
9244	10301	Beam	Angle	0.00	4	4	2	2	-	-	2.640	XY
9245	10302	Beam	Angle	0.00	4	4	2	2	-	-	2.640	XY
9246	10303	Beam	Angle	0.00	4	4	2	2	-	-	2.640	XY
9247	10304	Beam	Angle	0.00	4	4	2	2	-	-	1.500	XY
9248	4183	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
9249	10306	Beam	Angle	0.00	4	4	2	-	-	-	2.640	XY
9250	4186	Beam	Angle	0.00	6	6	-	-	2	-	0.248	Y
9251	2760	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
9252	2934	Beam	Angle	0.00	6	6	-	-	2	-	0.296	Y
9253	4195	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
9254	4271	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
9255	9131	Beam	Angle	0.00	4	4	-	-	-	-	0.147	X
9256	10316	Beam	Angle	0.00	4	4	2	-	-	-	1.500	XY
9257	9124	Beam	Angle	90.00	1	1	-	-	-	-	0.191	Z
9258	10318	Beam	Angle	0.00	4	4	2	-	-	-	2.640	XY
9259	9132	Beam	Angle	90.00	2	2	-	-	-	-	0.022	YZ
9260	10320	Beam	Angle	0.00	4	4	2	-	-	-	1.500	XY
9261	10321	Beam	Angle	0.00	4	4	2	-	-	-	2.640	XY
9262	10322	Beam	Angle	0.00	4	4	2	-	-	-	2.640	XY
9263	10323	Beam	Angle	0.00	4	4	2	-	-	-	2.640	XY
9264	10324	Beam	Angle	0.00	4	4	2	-	-	-	1.500	XY
9265	10325	Beam	Angle	0.00	4	4	2	-	-	-	2.640	XY
9266	9208	Beam	Angle	0.00	6	6	-	-	12	-	0.433	Z
9267	10327	Beam	Angle	0.00	4	4	2	-	-	-	2.640	XY
9268	9055	Beam	Angle	0.00	6	6	-	-	12	-	0.500	Z
9269	10329	Beam	Angle	0.00	4	4	2	-	-	-	2.640	XY
9270	10330	Beam	Angle	0.00	4	4	2	-	-	-	2.640	XY
9271	10331	Beam	Angle	0.00	4	4	2	-	-	-	2.640	XY
9272	10332	Beam	Angle	0.00	4	4	2	-	-	-	1.500	XY
9273	9056	Beam	Angle	0.00	6	6	-	-	12	-	0.367	Z
9274	10334	Beam	Angle	0.00	4	4	2	-	-	-	2.640	XY
9275	9122	Beam	Angle	0.00	6	6	-	-	12	-	0.500	Z
9276	10336	Beam	Angle	0.00	4	4	2	-	-	-	1.500	XY
9277	10337	Beam	Angle	0.00	4	4	2	2	-	-	2.640	XY
9278	10338	Beam	Angle	0.00	4	4	2	2	-	-	2.640	XY
9279	10339	Beam	Angle	0.00	4	4	2	2	-	-	2.640	XY
9280	10340	Beam	Angle	0.00	4	4	2	2	-	-	1.500	XY
9281	10341	Beam	Angle	0.00	4	4	2	2	-	-	2.640	XY
9282	10342	Beam	Angle	0.00	4	4	2	2	-	-	2.640	XY
9283	10343	Beam	Angle	0.00	4	4	2	2	-	-	2.640	XY
9284	10344	Beam	Angle	0.00	4	4	2	2	-	-	1.500	XY
9285	10345	Beam	Angle	0.00	4	4	2	2	-	-	2.640	XY
9286	10346	Beam	Angle	0.00	4	4	2	2	-	-	2.640	XY
9287	10347	Beam	Angle	0.00	4	4	2	2	-	-	2.640	XY
9288	10348	Beam	Angle	0.00	4	4	2	2	-	-	1.500	XY
9289	10389	Beam	Angle	2.67	1	1	-	-	-	-	0.110	Z
9290	10390	Beam	Angle	2.67	1	1	-	-	-	-	0.810	Z
9291	10391	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
9292	10392	Beam	Angle	2.67	1	1	-	-	-	-	0.640	Z
9293	10393	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
9294	10397	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9295	10398	Beam	Angle	2.67	1	1	-	-	-	-	0.970	Z
9296	10399	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
9297	10394	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9298	10395	Beam	Angle	2.67	1	1	-	-	-	-	0.970	Z
9299	10396	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
9300	10386	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9301	10387	Beam	Angle	2.67	1	1	-	-	-	-	0.970	Z
9302	10388	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
9303	10383	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9304	10384	Beam	Angle	2.67	1	1	-	-	-	-	0.970	Z
9305	10385	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
9306	10400	Beam	Angle	2.67	1	1	-	-	-	-	0.110	Z
9307	10401	Beam	Angle	2.67	1	1	-	-	-	-	0.810	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
9308	10402	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
9309	10446	Beam	Angle	2.67	1	1	-	-	-	-	0.307	Z
9310	10447	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
9311	10429	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9312	10430	Beam	Angle	2.67	1	1	-	-	-	-	0.572	Z
9313	10431	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
9314	10435	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9315	10436	Beam	Angle	2.67	1	1	-	-	-	-	0.970	Z
9316	10437	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
9317	10426	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9318	10427	Beam	Angle	2.67	1	1	-	-	-	-	0.970	Z
9319	10428	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
9320	10432	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9321	10433	Beam	Angle	2.67	1	1	-	-	-	-	0.970	Z
9322	10434	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
9323	10438	Beam	Angle	2.67	1	1	-	-	-	-	0.110	Z
9324	10439	Beam	Angle	2.67	1	1	-	-	-	-	0.810	Z
9325	10440	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
9326	10441	Beam	Angle	2.67	1	1	-	-	-	-	0.640	Z
9327	10442	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
9328	10443	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9329	10444	Beam	Angle	2.67	1	1	-	-	-	-	0.970	Z
9330	10445	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
9331	10448	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9332	10449	Beam	Angle	2.67	1	1	-	-	-	-	0.970	Z
9333	10450	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
9334	10409	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9335	10410	Beam	Angle	2.67	1	1	-	-	-	-	0.970	Z
9336	10411	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
9337	10420	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9338	10421	Beam	Angle	2.67	1	1	-	-	-	-	0.970	Z
9339	10422	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
9340	10406	Beam	Angle	2.67	1	1	-	-	-	-	0.110	Z
9341	10407	Beam	Angle	2.67	1	1	-	-	-	-	0.810	Z
9342	10408	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
9343	10415	Beam	Angle	2.67	1	1	-	-	-	-	0.307	Z
9344	10416	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
9345	10403	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9346	10404	Beam	Angle	2.67	1	1	-	-	-	-	0.572	Z
9347	10405	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
9348	10412	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9349	10413	Beam	Angle	2.67	1	1	-	-	-	-	0.970	Z
9350	10414	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
9351	10417	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9352	10418	Beam	Angle	2.67	1	1	-	-	-	-	0.970	Z
9353	10419	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
9354	9428	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
9355	9429	Beam	Angle	0.00	7	7	-	-	16	-	1.200	X
9356	9430	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
9357	9435	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
9358	9436	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
9359	9433	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
9360	9434	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
9361	9437	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
9362	9438	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
9363	9439	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
9364	9440	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
9365	9431	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
9366	9432	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
9367	9441	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
9368	9442	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
9369	9445	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
9370	9446	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
9371	9443	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
9372	9444	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
9373	9447	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
9374	9448	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
9375	9449	Beam	Angle	0.00	7	7	-	-	16	-	0.629	X
9376	9450	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
9377	9451	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
9378	9452	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
9379	9453	Beam	Angle	0.00	7	7	-	-	16	-	1.125	X
9380	9454	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
9381	9455	Beam	Angle	0.00	7	7	-	-	16	-	1.200	X
9382	9456	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
9383	9458	Beam	Angle	0.00	6	6	-	-	2	-	0.476	Y
9384	9457	Beam	Angle	0.00	6	6	-	-	2	-	0.476	Y
9385	9465	Beam	Angle	0.00	6	6	-	-	2	-	0.476	Y
9386	9460	Beam	Angle	0.00	6	6	-	-	2	-	0.476	Y
9387	9464	Beam	Angle	0.00	6	6	-	-	2	-	0.476	Y
9388	9459	Beam	Angle	0.00	6	6	-	-	2	-	0.476	Y
9389	9461	Beam	Angle	0.00	6	6	-	-	2	-	0.476	Y
9390	9463	Beam	Angle	0.00	6	6	-	-	2	-	0.476	Y
9391	9462	Beam	Angle	0.00	6	6	-	-	2	-	0.476	Y
9392	9472	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
9393	9473	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
9394	9468	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
9395	9469	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
9396	9470	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
9397	9471	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
9398	9474	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
9399	9475	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
9400	9466	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
9401	9467	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
9402	8393	Beam	Angle	0.00	10	10	-	-	17	-	0.600	X
9403	11032	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
9404	9484	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
9405	9485	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
9406	9482	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
9407	9483	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
9408	9486	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
9409	9487	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
9410	9478	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
9411	9479	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
9412	9480	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
9413	9481	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
9414	8601	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
9415	9488	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
9416	9489	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
9417	9490	Beam	Angle	0.00	10	10	-	-	17	-	0.629	X
9418	10423	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9419	10424	Beam	Angle	2.67	1	1	-	-	-	-	0.970	Z
9420	9493	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
9421	9494	Beam	Angle	0.00	10	10	-	-	17	-	0.300	X
9422	9495	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
9423	9496	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
9424	9497	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
9425	9498	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
9426	9499	Beam	Angle	0.00	10	10	-	-	17	-	0.629	X
9427	10425	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
9428	10465	Beam	Angle	2.67	1	1	-	-	-	-	0.110	Z
9429	9502	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
9430	9503	Beam	Angle	0.00	10	10	-	-	17	-	0.300	X
9431	9504	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
9432	9505	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
9433	9506	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
9434	9507	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
9435	9508	Beam	Angle	0.00	10	10	-	-	17	-	0.629	X
9436	10466	Beam	Angle	2.67	1	1	-	-	-	-	0.810	Z
9437	10467	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
9438	9511	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
9439	9512	Beam	Angle	0.00	10	10	-	-	17	-	0.300	X
9440	9513	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
9441	9514	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
9442	9515	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
9443	9516	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
9444	9517	Beam	Angle	0.00	10	10	-	-	17	-	0.629	X
9445	9536	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
9446	9535	Beam	Angle	90.00	6	6	-	-	10	-	0.260	Z
9447	9534	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
9448	9537	Beam	Angle	90.00	6	6	-	-	10	-	0.260	Z
9449	9519	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
9450	9518	Beam	Angle	90.00	6	6	-	-	10	-	0.260	Z
9451	9520	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
9452	9521	Beam	Angle	90.00	6	6	-	-	10	-	0.260	Z
9453	9522	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
9454	9523	Beam	Angle	90.00	6	6	-	-	10	-	0.260	Z
9455	9525	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
9456	9524	Beam	Angle	90.00	6	6	-	-	10	-	0.260	Z
9457	9526	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
9458	9527	Beam	Angle	90.00	6	6	-	-	10	-	0.260	Z
9459	9528	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
9460	9529	Beam	Angle	90.00	6	6	-	-	10	-	0.260	Z
9461	9530	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
9462	9531	Beam	Angle	90.00	6	6	-	-	10	-	0.260	Z
9463	10460	Beam	Angle	2.67	1	1	-	-	-	-	0.640	Z
9464	10461	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
9465	9547	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
9466	9546	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
9467	9538	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
9468	9539	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
9469	9540	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
9470	9541	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
9471	9542	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
9472	9543	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
9473	9544	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
9474	10474	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9475	9556	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
9476	9557	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
9477	9548	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
9478	9549	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
9479	9550	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
9480	9551	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
9481	9552	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
9482	9553	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
9483	9554	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
9484	10475	Beam	Angle	2.67	1	1	-	-	-	-	0.970	Z
9485	9558	Beam	Angle	0.00	10	10	-	-	17	-	0.600	X
9486	9559	Beam	Angle	0.00	10	10	-	-	17	-	0.600	X
9487	9560	Beam	Angle	0.00	10	10	-	-	17	-	0.600	X
9488	9561	Beam	Angle	0.00	10	10	-	-	17	-	0.600	X
9489	9562	Beam	Angle	0.00	10	10	-	-	17	-	0.600	X
9490	9563	Beam	Angle	0.00	10	10	-	-	17	-	0.600	X
9491	9564	Beam	Angle	0.00	10	10	-	-	17	-	0.600	X
9492	9565	Beam	Angle	0.00	10	10	-	-	17	-	0.600	X
9493	9566	Beam	Angle	0.00	10	10	-	-	17	-	0.600	X
9494	9570	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
9495	9571	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
9496	9572	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
9497	9569	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
9498	9574	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
9499	9573	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
9500	9575	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
9501	9576	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
9502	9577	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
9503	9578	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
9504	9579	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
9505	9580	Beam	Angle	0.00	2	2	-	-	-	-	0.040	Z
9506	9581	Beam	Angle	0.00	2	2	-	-	-	-	0.040	Z
9507	9582	Beam	Angle	0.00	2	2	-	-	-	-	0.040	Z
9508	9583	Beam	Angle	0.00	2	2	-	-	-	-	0.040	Z
9509	9584	Beam	Angle	0.00	2	2	-	-	-	-	0.040	Z
9510	9585	Beam	Angle	0.00	2	2	-	-	-	-	0.040	Z
9511	9586	Beam	Angle	0.00	2	2	-	-	-	-	0.040	Z
9512	9568	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
9513	9587	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
9514	9588	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
9515	9589	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
9516	9590	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
9517	9591	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
9518	9592	Beam	Angle	0.00	1	1	-	-	-	-	0.410	Z
9519	9593	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
9520	9594	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
9521	9595	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
9522	9598	Beam	Angle	0.00	1	1	-	-	-	-	0.410	Z
9523	9596	Beam	Angle	0.00	1	1	-	-	-	-	0.240	Z
9524	9597	Beam	Angle	0.00	2	2	-	-	-	-	0.040	Z
9525	9599	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
9526	9600	Beam	Angle	180.00	6	6	-	-	12	-	0.400	Z
9527	9601	Beam	Angle	180.00	6	6	-	-	12	-	0.100	Z
9528	9602	Beam	Angle	180.00	6	6	-	-	12	-	0.100	Z
9529	9603	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
9530	9604	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
9531	9605	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
9532	9606	Rigid Member	Angle	360.00	0	0	-	-	-	-	0.060	X
9533	9607	Beam	Angle	180.00	6	6	-	-	12	-	0.200	Z
9534	9608	Beam	Angle	180.00	6	6	-	-	12	-	0.500	Z
9535	9609	Beam	Angle	180.00	6	6	-	-	12	-	0.400	Z
9536	9610	Beam	Angle	180.00	6	6	-	-	12	-	0.500	Z
9537	9611	Beam	Angle	180.00	6	6	-	-	12	-	0.500	Z
9538	9612	Beam	Angle	180.00	6	6	-	-	12	-	0.400	Z
9539	9613	Beam	Angle	180.00	6	6	-	-	12	-	0.440	Z
9540	9614	Beam	Angle	0.00	10	10	-	-	13	-	1.152	Y
9541	9615	Beam	Angle	0.00	10	10	-	-	13	-	1.152	Y
9542	9616	Beam	Angle	0.00	10	10	-	-	13	-	1.152	Y
9543	9617	Beam	Angle	0.00	10	10	-	-	13	-	1.152	Y
9544	9618	Beam	Angle	0.00	10	10	-	-	13	-	1.152	Y
9545	9619	Beam	Angle	0.00	10	10	-	-	13	-	1.152	Y
9546	9620	Beam	Angle	0.00	10	10	-	-	13	-	1.152	Y
9547	9621	Beam	Angle	0.00	10	10	-	-	13	-	1.152	Y
9548	9622	Beam	Angle	0.00	10	10	-	-	13	-	1.152	Y
9549	9624	Beam	Angle	180.00	6	6	-	-	12	-	0.400	Z
9550	9623	Beam	Angle	180.00	6	6	-	-	12	-	0.060	Z
9551	9625	Beam	Angle	180.00	6	6	-	-	12	-	0.100	Z
9552	9626	Beam	Angle	180.00	6	6	-	-	12	-	0.100	Z
9553	9627	Beam	Angle	0.00	10	10	-	-	13	-	0.954	YZ
9554	9628	Beam	Angle	0.00	10	10	-	-	13	-	0.952	Y
9555	9629	Beam	Angle	0.00	10	10	-	-	13	-	0.952	Y
9556	9630	Beam	Angle	0.00	10	10	-	-	13	-	0.952	Y
9557	9631	Beam	Angle	0.00	10	10	-	-	13	-	0.952	Y
9558	9632	Beam	Angle	0.00	10	10	-	-	13	-	0.952	Y
9559	9633	Beam	Angle	0.00	10	10	-	-	13	-	0.952	Y
9560	9634	Beam	Angle	0.00	10	10	-	-	13	-	0.952	Y
9561	9635	Beam	Angle	0.00	10	10	-	-	13	-	0.952	Y
9562	9636	Beam	Angle	180.00	6	6	-	-	12	-	0.400	Z
9563	9637	Beam	Angle	180.00	6	6	-	-	12	-	0.100	Z
9564	9638	Beam	Angle	180.00	6	6	-	-	12	-	0.100	Z
9565	9639	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
9566	9640	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
9567	9641	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
9568	9642	Rigid Member	Angle	360.00	0	0	-	-	-	-	0.060	X
9569	9643	Beam	Angle	180.00	6	6	-	-	12	-	0.200	Z
9570	9644	Beam	Angle	180.00	6	6	-	-	12	-	0.500	Z
9571	9645	Beam	Angle	180.00	6	6	-	-	12	-	0.400	Z
9572	9646	Beam	Angle	180.00	6	6	-	-	12	-	0.500	Z
9573	9647	Beam	Angle	180.00	6	6	-	-	12	-	0.500	Z
9574	9648	Beam	Angle	180.00	6	6	-	-	12	-	0.400	Z
9575	9649	Beam	Angle	180.00	6	6	-	-	12	-	0.500	Z
9576	9660	Beam	Angle	180.00	6	6	-	-	12	-	0.400	Z
9577	9659	Beam	Angle	180.00	6	6	-	-	12	-	0.200	Z
9578	9661	Beam	Angle	180.00	6	6	-	-	12	-	0.100	Z
9579	9662	Beam	Angle	180.00	6	6	-	-	12	-	0.100	Z
9580	9663	Beam	Angle	180.00	6	6	-	-	12	-	0.400	Z
9581	9664	Beam	Angle	180.00	6	6	-	-	12	-	0.100	Z
9582	9665	Beam	Angle	180.00	6	6	-	-	12	-	0.100	Z
9583	9666	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
9584	9667	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
9585	9668	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
9586	9669	Rigid Member	Angle	360.00	0	0	-	-	-	-	0.060	X
9587	9670	Beam	Angle	180.00	6	6	-	-	12	-	0.200	Z
9588	9671	Beam	Angle	180.00	6	6	-	-	12	-	0.500	Z
9589	9672	Beam	Angle	180.00	6	6	-	-	12	-	0.400	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
9590	9673	Beam	Angle	180.00	6	6	-	-	12	-	0.500	Z
9591	9674	Beam	Angle	180.00	6	6	-	-	12	-	0.500	Z
9592	9675	Beam	Angle	180.00	6	6	-	-	12	-	0.400	Z
9593	9676	Beam	Angle	180.00	6	6	-	-	12	-	0.500	Z
9594	9678	Beam	Angle	180.00	6	6	-	-	12	-	0.400	Z
9595	9677	Beam	Angle	180.00	6	6	-	-	12	-	0.200	Z
9596	9679	Beam	Angle	180.00	6	6	-	-	12	-	0.100	Z
9597	9680	Beam	Angle	180.00	6	6	-	-	12	-	0.100	Z
9598	9681	Beam	Angle	180.00	6	6	-	-	12	-	0.410	Z
9599	9682	Beam	Angle	180.00	6	6	-	-	12	-	0.110	Z
9600	9683	Beam	Angle	180.00	6	6	-	-	12	-	0.110	Z
9601	9684	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
9602	9685	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
9603	9686	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
9604	9687	Rigid Member	Angle	360.00	0	0	-	-	-	-	0.060	X
9605	9688	Beam	Angle	180.00	6	6	-	-	12	-	0.210	Z
9610	9693	Beam	Angle	180.00	6	6	-	-	12	-	0.410	Z
9616	9650	Beam	Angle	0.00	10	10	-	-	13	-	0.775	YZ
9617	9651	Beam	Angle	0.00	10	10	-	-	13	-	0.775	YZ
9618	9652	Beam	Angle	0.00	10	10	-	-	13	-	0.775	YZ
9619	9653	Beam	Angle	0.00	10	10	-	-	13	-	0.775	YZ
9620	9654	Beam	Angle	0.00	10	10	-	-	13	-	0.775	YZ
9621	9655	Beam	Angle	0.00	10	10	-	-	13	-	0.775	YZ
9622	9656	Beam	Angle	0.00	10	10	-	-	13	-	0.775	YZ
9623	9657	Beam	Angle	0.00	10	10	-	-	13	-	0.775	YZ
9624	9658	Beam	Angle	0.00	10	10	-	-	13	-	0.775	YZ
9625	9701	Beam	Angle	0.00	1	1	-	-	-	-	0.410	Z
9626	9699	Beam	Angle	0.00	1	1	-	-	-	-	0.240	Z
9627	9700	Beam	Angle	0.00	2	2	-	-	-	-	0.040	Z
9628	9702	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
9629	9705	Beam	Angle	0.00	1	1	-	-	-	-	0.410	Z
9630	9703	Beam	Angle	0.00	1	1	-	-	-	-	0.240	Z
9631	9704	Beam	Angle	0.00	2	2	-	-	-	-	0.040	Z
9632	9706	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
9633	9707	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
9634	9708	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
9635	9709	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
9636	9710	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
9637	9711	Beam	Angle	0.00	7	7	-	-	16	-	0.060	X
9638	9713	Beam	Angle	0.00	10	10	-	-	13	-	1.152	Y
9639	9714	Beam	Angle	0.00	10	10	-	-	13	-	1.152	Y
9640	9715	Beam	Angle	0.00	10	10	-	-	13	-	1.152	Y
9641	9716	Beam	Angle	0.00	10	10	-	-	13	-	1.152	Y
9642	9717	Beam	Angle	0.00	10	10	-	-	13	-	1.152	Y
9643	9718	Beam	Angle	0.00	10	10	-	-	13	-	1.152	Y
9644	9719	Beam	Angle	0.00	10	10	-	-	13	-	1.152	Y
9645	9720	Beam	Angle	0.00	10	10	-	-	13	-	1.152	Y
9646	9721	Beam	Angle	0.00	10	10	-	-	13	-	1.152	Y
9647	9734	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
9648	9735	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
9649	9736	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
9650	9737	Rigid Member	Angle	360.00	0	0	-	-	-	-	0.060	X
9651	9749	Beam	Angle	0.00	1	1	-	-	-	-	0.040	Z
9652	9750	Beam	Angle	0.00	1	1	-	-	-	-	0.340	Z
9653	9751	Beam	Angle	0.00	1	1	-	-	-	-	0.040	Z
9654	9752	Beam	Angle	0.00	1	1	-	-	-	-	0.140	Z
9655	9753	Beam	Angle	180.00	6	6	-	-	12	-	0.500	Z
9656	9754	Beam	Angle	180.00	6	6	-	-	12	-	0.390	Z
9657	9755	Beam	Angle	180.00	6	6	-	-	12	-	0.500	Z
9658	9756	Beam	Angle	180.00	6	6	-	-	12	-	0.500	Z
9659	9757	Beam	Angle	180.00	6	6	-	-	12	-	0.500	Z
9660	9759	Beam	Angle	180.00	6	6	-	-	12	-	0.390	Z
9661	9758	Beam	Angle	180.00	6	6	-	-	12	-	0.190	Z
9662	9760	Beam	Angle	180.00	6	6	-	-	12	-	0.090	Z
9663	9761	Beam	Angle	180.00	6	6	-	-	12	-	0.090	Z
9664	9722	Beam	Angle	180.00	6	6	-	-	14	-	0.300	Z
9665	9723	Beam	Angle	180.00	6	6	-	-	14	-	0.300	Z
9666	9724	Beam	Angle	180.00	6	6	-	-	14	-	0.300	Z
9667	9725	Beam	Angle	180.00	6	6	-	-	14	-	0.300	Z
9668	9726	Beam	Angle	180.00	6	6	-	-	14	-	0.100	Z
9669	9727	Beam	Angle	180.00	6	6	-	-	14	-	0.500	Z
9670	9762	Rigid Member	Angle	360.00	0	0	-	-	-	-	0.060	X
9671	9763	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
9672	9764	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
9673	9765	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
9674	9766	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
9675	9767	Beam	Angle	180.00	6	6	-	-	14	-	0.400	Z
9676	9768	Beam	Angle	180.00	6	6	-	-	14	-	0.400	Z
9677	9769	Beam	Angle	180.00	6	6	-	-	14	-	0.200	Z
9678	9770	Beam	Angle	180.00	6	6	-	-	14	-	0.200	Z
9679	11175	Beam	Angle	0.00	1	1	-	-	-	-	0.028	Z
9680	9921	Beam	Angle	0.00	1	1	-	-	-	-	0.028	Z
9681	9772	Beam	Angle	0.00	10	10	-	-	19	-	1.051	Y
9682	9773	Beam	Angle	0.00	10	10	-	-	19	-	1.051	Y
9683	10476	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
9684	9775	Beam	Angle	0.00	10	10	-	-	19	-	1.051	Y
9685	9776	Beam	Angle	0.00	10	10	-	-	19	-	1.051	Y
9686	9777	Beam	Angle	0.00	10	10	-	-	19	-	1.051	Y
9687	9778	Beam	Angle	0.00	10	10	-	-	19	-	1.051	Y
9688	9779	Beam	Angle	0.00	10	10	-	-	19	-	1.051	Y
9689	9780	Beam	Angle	0.00	10	10	-	-	19	-	1.051	Y
9690	9782	Beam	Angle	180.00	6	6	-	-	14	-	0.400	Z
9691	9783	Beam	Angle	180.00	6	6	-	-	14	-	0.100	Z
9692	9784	Beam	Angle	180.00	6	6	-	-	14	-	0.700	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
9693	9785	Beam	Angle	180.00	6	6	-	-	14	-	0.700	Z
9694	9786	Beam	Angle	180.00	6	6	-	-	14	-	0.500	Z
9695	9896	Beam	Angle	0.00	1	1	-	-	-	-	0.028	Z
9696	9788	Beam	Angle	0.00	10	10	-	-	19	-	1.152	Y
9697	9789	Beam	Angle	0.00	10	10	-	-	19	-	1.152	Y
9698	9790	Beam	Angle	0.00	10	10	-	-	19	-	1.152	Y
9699	9791	Beam	Angle	0.00	10	10	-	-	19	-	1.152	Y
9700	10468	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9701	9793	Beam	Angle	0.00	10	10	-	-	19	-	1.152	Y
9702	9794	Beam	Angle	0.00	10	10	-	-	19	-	1.152	Y
9703	9795	Beam	Angle	0.00	10	10	-	-	19	-	1.152	Y
9704	9796	Beam	Angle	0.00	10	10	-	-	19	-	1.152	Y
9705	9797	Rigid Member	Angle	360.00	0	0	-	-	-	-	0.060	X
9706	9798	Rigid Member	Angle	360.00	0	0	-	-	-	-	0.060	X
9707	9799	Rigid Member	Angle	360.00	0	0	-	-	-	-	0.060	X
9708	9800	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
9709	9801	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
9710	9802	Beam	Angle	180.00	6	6	-	-	14	-	0.400	Z
9711	9803	Beam	Angle	180.00	6	6	-	-	14	-	0.400	Z
9712	9804	Beam	Angle	180.00	6	6	-	-	14	-	0.200	Z
9713	9805	Beam	Angle	180.00	6	6	-	-	14	-	0.200	Z
9714	10068	Beam	Angle	0.00	1	1	-	-	-	-	0.028	Z
9715	9817	Beam	Angle	180.00	6	6	-	-	14	-	0.400	Z
9716	9818	Beam	Angle	180.00	6	6	-	-	14	-	0.100	Z
9717	9819	Beam	Angle	180.00	6	6	-	-	14	-	0.700	Z
9718	9820	Beam	Angle	180.00	6	6	-	-	14	-	0.700	Z
9719	9821	Beam	Angle	180.00	6	6	-	-	14	-	0.200	Z
9720	9822	Rigid Member	Angle	360.00	0	0	-	-	-	-	0.060	X
9721	9823	Rigid Member	Angle	360.00	0	0	-	-	-	-	0.060	X
9722	9824	Rigid Member	Angle	360.00	0	0	-	-	-	-	0.060	X
9723	9825	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
9724	9826	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
9725	9827	Beam	Angle	180.00	6	6	-	-	14	-	0.400	Z
9726	9828	Beam	Angle	180.00	6	6	-	-	14	-	0.400	Z
9727	9829	Beam	Angle	180.00	6	6	-	-	14	-	0.200	Z
9728	9830	Beam	Angle	180.00	6	6	-	-	14	-	0.200	Z
9729	10035	Beam	Angle	0.00	1	1	-	-	-	-	0.028	Z
9730	9832	Beam	Angle	180.00	6	6	-	-	14	-	0.400	Z
9731	9833	Beam	Angle	180.00	6	6	-	-	14	-	0.100	Z
9732	9834	Beam	Angle	180.00	6	6	-	-	14	-	0.700	Z
9733	9835	Beam	Angle	180.00	6	6	-	-	14	-	0.700	Z
9734	9836	Beam	Angle	180.00	6	6	-	-	14	-	0.200	Z
9735	9837	Rigid Member	Angle	360.00	0	0	-	-	-	-	0.060	X
9736	9838	Rigid Member	Angle	360.00	0	0	-	-	-	-	0.060	X
9737	9839	Rigid Member	Angle	360.00	0	0	-	-	-	-	0.060	X
9738	9840	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
9739	9841	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
9740	9842	Beam	Angle	180.00	6	6	-	-	14	-	0.400	Z
9741	9843	Beam	Angle	180.00	6	6	-	-	14	-	0.400	Z
9742	9844	Beam	Angle	180.00	6	6	-	-	14	-	0.200	Z
9743	9845	Beam	Angle	180.00	6	6	-	-	14	-	0.200	Z
9744	11161	Beam	Angle	0.00	1	1	-	-	-	-	0.028	Z
9745	9847	Beam	Angle	180.00	6	6	-	-	14	-	0.400	Z
9746	9848	Beam	Angle	180.00	6	6	-	-	14	-	0.100	Z
9747	9849	Beam	Angle	180.00	6	6	-	-	14	-	0.700	Z
9748	9850	Beam	Angle	180.00	6	6	-	-	14	-	0.700	Z
9749	9851	Beam	Angle	180.00	6	6	-	-	14	-	0.500	Z
9750	11155	Beam	Angle	0.00	13	13	1	-	-	-	0.065	YZ
9751	9807	Beam	Angle	0.00	10	10	-	-	19	-	1.152	Y
9752	9808	Beam	Angle	0.00	10	10	-	-	19	-	1.152	Y
9753	9809	Beam	Angle	0.00	10	10	-	-	19	-	1.152	Y
9754	9810	Beam	Angle	0.00	10	10	-	-	19	-	1.152	Y
9755	10469	Beam	Angle	2.67	1	1	-	-	-	-	0.970	Z
9756	9812	Beam	Angle	0.00	10	10	-	-	19	-	1.152	Y
9757	9813	Beam	Angle	0.00	10	10	-	-	19	-	1.152	Y
9758	9814	Beam	Angle	0.00	10	10	-	-	19	-	1.152	Y
9759	9815	Beam	Angle	0.00	10	10	-	-	19	-	1.152	Y
9760	9728	Beam	Angle	180.00	6	6	-	-	14	-	0.100	Z
9761	9729	Beam	Angle	180.00	6	6	-	-	14	-	0.500	Z
9762	9730	Beam	Angle	180.00	6	6	-	-	14	-	0.100	Z
9763	9852	Beam	Angle	180.00	6	6	-	-	14	-	0.500	Z
9764	9853	Beam	Angle	180.00	6	6	-	-	14	-	0.100	Z
9765	9854	Beam	Angle	180.00	6	6	-	-	14	-	0.500	Z
9766	9855	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
9767	9856	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
9768	9858	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
9769	9857	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
9770	9861	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
9771	9862	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
9772	9859	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
9773	9860	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
9774	9863	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
9775	9864	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
9776	9866	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
9777	9867	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
9778	9865	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
9779	9868	Beam	Angle	180.00	6	6	-	-	14	-	0.200	Z
9780	9869	Beam	Angle	180.00	6	6	-	-	14	-	0.200	Z
9781	9870	Beam	Angle	180.00	6	6	-	-	14	-	0.200	Z
9782	9871	Beam	Angle	180.00	6	6	-	-	14	-	0.200	Z
9783	9872	Beam	Angle	180.00	6	6	-	-	14	-	0.100	Z
9784	9873	Beam	Angle	180.00	6	6	-	-	14	-	0.200	Z
9785	9877	Rigid Member	Angle	360.00	0	0	-	-	-	-	0.060	X
9786	9878	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
9787	9879	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
9788	9880	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
9789	9881	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
9790	9882	Beam	Angle	180.00	6	6	-	-	14	-	0.200	Z
9791	9883	Beam	Angle	180.00	6	6	-	-	14	-	0.100	Z
9792	9884	Beam	Angle	180.00	6	6	-	-	14	-	0.200	Z
9793	9885	Beam	Angle	180.00	6	6	-	-	14	-	0.200	Z
9794	11162	Beam	Angle	0.00	1	1	-	-	-	-	0.028	Z
9795	11157	Beam	Angle	0.00	13	13	1	1	-	-	1.239	YZ
9796	9887	Beam	Angle	0.00	10	10	-	-	19	-	1.152	Y
9797	9888	Beam	Angle	0.00	10	10	-	-	19	-	1.152	Y
9798	9889	Beam	Angle	0.00	10	10	-	-	19	-	1.152	Y
9799	9890	Beam	Angle	0.00	10	10	-	-	19	-	1.152	Y
9800	9891	Beam	Angle	0.00	10	10	-	-	19	-	1.152	Y
9801	9892	Beam	Angle	0.00	10	10	-	-	19	-	1.152	Y
9802	9893	Beam	Angle	0.00	10	10	-	-	19	-	1.152	Y
9803	9894	Beam	Angle	0.00	10	10	-	-	19	-	1.152	Y
9804	9895	Beam	Angle	0.00	10	10	-	-	19	-	1.152	Y
9805	9897	Beam	Angle	180.00	6	6	-	-	14	-	0.400	Z
9806	9898	Beam	Angle	180.00	6	6	-	-	14	-	0.100	Z
9807	9899	Beam	Angle	180.00	6	6	-	-	14	-	0.200	Z
9808	9900	Beam	Angle	180.00	6	6	-	-	14	-	0.500	Z
9809	9901	Beam	Angle	180.00	6	6	-	-	14	-	0.200	Z
9810	11158	Beam	Angle	0.00	13	13	1	1	-	-	1.130	YZ
9811	9903	Beam	Angle	0.00	10	10	-	-	19	-	0.952	Y
9812	9904	Beam	Angle	0.00	10	10	-	-	19	-	0.952	Y
9813	9905	Beam	Angle	0.00	10	10	-	-	19	-	0.952	Y
9814	9906	Beam	Angle	0.00	10	10	-	-	19	-	0.952	Y
9815	9907	Beam	Angle	0.00	10	10	-	-	19	-	0.952	Y
9816	9908	Beam	Angle	0.00	10	10	-	-	19	-	0.952	Y
9817	9909	Beam	Angle	0.00	10	10	-	-	19	-	0.952	Y
9818	9910	Beam	Angle	0.00	10	10	-	-	19	-	0.952	Y
9819	9911	Beam	Angle	0.00	10	10	-	-	19	-	0.952	Y
9820	9912	Rigid Member	Angle	360.00	0	0	-	-	-	-	0.060	X
9821	9913	Rigid Member	Angle	360.00	0	0	-	-	-	-	0.060	X
9822	9914	Rigid Member	Angle	360.00	0	0	-	-	-	-	0.060	X
9823	9915	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
9824	9916	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
9825	9917	Beam	Angle	180.00	6	6	-	-	14	-	0.200	Z
9826	9918	Beam	Angle	180.00	6	6	-	-	14	-	0.100	Z
9827	9919	Beam	Angle	180.00	6	6	-	-	14	-	0.200	Z
9828	9920	Beam	Angle	180.00	6	6	-	-	14	-	0.200	Z
9829	11167	Beam	Angle	0.00	13	13	1	1	-	-	1.272	YZ
9830	9932	Beam	Angle	180.00	6	6	-	-	14	-	0.400	Z
9831	9933	Beam	Angle	180.00	6	6	-	-	14	-	0.100	Z
9832	9934	Beam	Angle	180.00	6	6	-	-	14	-	0.200	Z
9833	9935	Beam	Angle	180.00	6	6	-	-	14	-	0.500	Z
9834	9936	Beam	Angle	180.00	6	6	-	-	14	-	0.200	Z
9835	9937	Rigid Member	Angle	360.00	0	0	-	-	-	-	0.060	X
9836	9938	Rigid Member	Angle	360.00	0	0	-	-	-	-	0.060	X
9837	9939	Rigid Member	Angle	360.00	0	0	-	-	-	-	0.060	X
9838	9940	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
9839	9941	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
9840	9942	Beam	Angle	180.00	6	6	-	-	14	-	0.200	Z
9841	9943	Beam	Angle	180.00	6	6	-	-	14	-	0.100	Z
9842	9944	Beam	Angle	180.00	6	6	-	-	14	-	0.200	Z
9843	9945	Beam	Angle	180.00	6	6	-	-	14	-	0.200	Z
9844	11169	Beam	Angle	0.00	13	13	1	1	-	-	1.272	YZ
9845	9947	Beam	Angle	180.00	6	6	-	-	14	-	0.400	Z
9846	9948	Beam	Angle	180.00	6	6	-	-	14	-	0.100	Z
9847	9949	Beam	Angle	180.00	6	6	-	-	14	-	0.200	Z
9848	9950	Beam	Angle	180.00	6	6	-	-	14	-	0.500	Z
9849	9951	Beam	Angle	180.00	6	6	-	-	14	-	0.200	Z
9850	9952	Rigid Member	Angle	360.00	0	0	-	-	-	-	0.060	X
9851	9953	Rigid Member	Angle	360.00	0	0	-	-	-	-	0.060	X
9852	9954	Rigid Member	Angle	360.00	0	0	-	-	-	-	0.060	X
9853	9955	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
9854	9956	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
9855	9957	Beam	Angle	180.00	6	6	-	-	14	-	0.200	Z
9856	9958	Beam	Angle	180.00	6	6	-	-	14	-	0.100	Z
9857	9959	Beam	Angle	180.00	6	6	-	-	14	-	0.200	Z
9858	9960	Beam	Angle	180.00	6	6	-	-	14	-	0.200	Z
9859	9831	Beam	Angle	0.00	13	13	1	1	-	-	1.272	YZ
9860	9962	Beam	Angle	180.00	6	6	-	-	14	-	0.400	Z
9861	9963	Beam	Angle	180.00	6	6	-	-	14	-	0.100	Z
9862	9964	Beam	Angle	180.00	6	6	-	-	14	-	0.200	Z
9863	9965	Beam	Angle	180.00	6	6	-	-	14	-	0.500	Z
9864	9966	Beam	Angle	180.00	6	6	-	-	14	-	0.200	Z
9865	11163	Beam	Angle	0.00	13	13	1	-	-	-	0.065	YZ
9866	9922	Beam	Angle	0.00	10	10	-	-	19	-	0.775	Y
9867	9923	Beam	Angle	0.00	10	10	-	-	19	-	0.775	Y
9868	9924	Beam	Angle	0.00	10	10	-	-	19	-	0.775	Y
9869	9925	Beam	Angle	0.00	10	10	-	-	19	-	0.775	Y
9870	9926	Beam	Angle	0.00	10	10	-	-	19	-	0.775	Y
9871	9927	Beam	Angle	0.00	10	10	-	-	19	-	0.775	Y
9872	9928	Beam	Angle	0.00	10	10	-	-	19	-	0.775	Y
9873	9929	Beam	Angle	0.00	10	10	-	-	19	-	0.775	Y
9874	9930	Beam	Angle	0.00	10	10	-	-	19	-	0.775	Y
9875	9874	Beam	Angle	180.00	6	6	-	-	14	-	0.100	Z
9876	9875	Beam	Angle	180.00	6	6	-	-	14	-	0.200	Z
9877	9876	Beam	Angle	180.00	6	6	-	-	14	-	0.100	Z
9878	9967	Beam	Angle	180.00	6	6	-	-	14	-	0.200	Z
9879	9968	Beam	Angle	180.00	6	6	-	-	14	-	0.100	Z
9880	9969	Beam	Angle	180.00	6	6	-	-	14	-	0.200	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
9881	9970	Beam	Angle	180.00	6	6	-	-	14	-	0.100	Z
9882	9971	Beam	Angle	180.00	6	6	-	-	14	-	0.100	Z
9883	9972	Beam	Angle	180.00	6	6	-	-	14	-	0.300	Z
9884	9974	Beam	Angle	180.00	6	6	-	-	14	-	0.200	Z
9885	9975	Beam	Angle	180.00	6	6	-	-	14	-	0.300	Z
9886	9976	Beam	Angle	180.00	6	6	-	-	14	-	0.500	Z
9887	9977	Beam	Angle	180.00	6	6	-	-	14	-	0.200	Z
9888	9978	Beam	Angle	180.00	6	6	-	-	14	-	0.300	Z
9889	9979	Beam	Angle	180.00	6	6	-	-	14	-	0.200	Z
9890	9980	Beam	Angle	180.00	6	6	-	-	14	-	0.300	Z
9891	9981	Beam	Angle	180.00	6	6	-	-	14	-	0.500	Z
9892	9982	Beam	Angle	180.00	6	6	-	-	14	-	0.200	Z
9893	9983	Beam	Angle	180.00	6	6	-	-	14	-	0.300	Z
9894	9984	Beam	Angle	180.00	6	6	-	-	14	-	0.200	Z
9895	9985	Beam	Angle	180.00	6	6	-	-	14	-	0.300	Z
9896	9986	Beam	Angle	180.00	6	6	-	-	14	-	0.500	Z
9897	9987	Beam	Angle	180.00	6	6	-	-	14	-	0.200	Z
9898	9988	Beam	Angle	180.00	6	6	-	-	14	-	0.300	Z
9899	9973	Beam	Angle	180.00	6	6	-	-	14	-	0.300	Z
9900	9989	Beam	Angle	180.00	6	6	-	-	14	-	0.300	Z
9901	9990	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
9902	9991	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
9903	9992	Beam	Angle	0.00	1	1	-	-	-	-	0.550	Z
9904	9993	Beam	Angle	180.00	6	6	-	-	14	-	0.100	Z
9905	9994	Beam	Angle	180.00	6	6	-	-	14	-	0.200	Z
9906	9995	Beam	Angle	180.00	6	6	-	-	14	-	0.300	Z
9907	9996	Beam	Angle	180.00	6	6	-	-	14	-	0.500	Z
9908	9997	Beam	Angle	180.00	6	6	-	-	14	-	0.200	Z
9909	9998	Beam	Angle	180.00	6	6	-	-	14	-	0.300	Z
9910	9999	Beam	Angle	180.00	6	6	-	-	14	-	0.300	Z
9911	10000	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
9912	10001	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
9913	10002	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
9914	10003	Beam	Angle	0.00	1	1	-	-	-	-	0.550	Z
9915	7294	Beam	Angle	0.00	13	13	1	1	-	-	1.272	YZ
9916	10007	Beam	Angle	0.00	10	10	-	-	19	-	1.152	Y
9917	10008	Beam	Angle	0.00	10	10	-	-	19	-	1.152	Y
9918	10009	Beam	Angle	0.00	10	10	-	-	19	-	1.152	Y
9919	10010	Beam	Angle	0.00	10	10	-	-	19	-	1.152	Y
9920	10011	Beam	Angle	0.00	10	10	-	-	19	-	1.152	Y
9921	10012	Beam	Angle	0.00	10	10	-	-	19	-	1.152	Y
9922	10013	Beam	Angle	0.00	10	10	-	-	19	-	1.152	Y
9923	10014	Beam	Angle	0.00	10	10	-	-	19	-	1.152	Y
9924	10015	Beam	Angle	0.00	10	10	-	-	19	-	1.152	Y
9925	10026	Rigid Member	Angle	360.00	0	0	-	-	-	-	0.060	X
9926	10027	Rigid Member	Angle	360.00	0	0	-	-	-	-	0.060	X
9927	10028	Rigid Member	Angle	360.00	0	0	-	-	-	-	0.060	X
9928	10029	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
9929	10030	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	X
9930	10049	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
9931	10050	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
9932	10051	Beam	Angle	0.00	1	1	-	-	-	-	0.550	Z
9933	10016	Beam	Angle	0.00	11	11	-	-	-	-	1.490	YZ
9934	10017	Beam	Angle	0.00	11	11	-	-	-	-	1.496	YZ
9935	10018	Beam	Angle	0.00	11	11	-	-	-	-	1.489	YZ
9936	10019	Beam	Angle	0.00	11	11	-	-	-	-	1.490	YZ
9937	10020	Beam	Angle	0.00	11	11	-	-	-	-	1.496	YZ
9938	10021	Beam	Angle	0.00	11	11	-	-	-	-	1.489	YZ
9939	10022	Beam	Angle	0.00	11	11	-	-	-	-	1.490	YZ
9940	10023	Beam	Angle	0.00	11	11	-	-	-	-	1.496	YZ
9941	10024	Beam	Angle	0.00	11	11	-	-	-	-	1.489	YZ
9942	10025	Beam	Angle	0.00	11	11	-	-	-	-	1.490	YZ
9943	10052	Beam	Angle	0.00	11	11	-	-	-	-	1.496	YZ
9944	10053	Beam	Angle	0.00	11	11	-	-	-	-	1.489	YZ
9945	10054	Beam	Angle	0.00	11	11	-	-	-	-	1.489	Y
9946	10055	Beam	Angle	0.00	11	11	-	-	-	-	1.496	YZ
9947	10056	Beam	Angle	0.00	11	11	-	-	-	-	1.489	YZ
9948	10057	Beam	Angle	0.00	11	11	-	-	-	-	1.489	Y
9949	10058	Beam	Angle	0.00	11	11	-	-	-	-	1.496	YZ
9950	10059	Beam	Angle	0.00	11	11	-	-	-	-	1.489	YZ
9951	10060	Beam	Angle	0.00	11	11	-	-	-	-	1.489	Y
9952	10061	Beam	Angle	0.00	11	11	-	-	-	-	1.496	YZ
9953	10062	Beam	Angle	0.00	11	11	-	-	-	-	1.489	YZ
9954	10470	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
9955	10480	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9956	10481	Beam	Angle	2.67	1	1	-	-	-	-	0.970	Z
9957	10482	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
9958	10451	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9959	10452	Beam	Angle	2.67	1	1	-	-	-	-	0.970	Z
9960	10453	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
9961	10477	Beam	Angle	2.67	1	1	-	-	-	-	0.110	Z
9962	10478	Beam	Angle	2.67	1	1	-	-	-	-	0.810	Z
9963	10072	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
9964	10073	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
9965	10074	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
9966	10075	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
9967	10076	Beam	Angle	0.00	1	1	-	-	-	-	0.450	Z
9968	10077	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
9969	10078	Beam	Angle	0.00	1	1	-	-	-	-	0.450	Z
9970	10079	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
9971	10080	Beam	Angle	0.00	1	1	-	-	-	-	0.450	Z
9972	10081	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
9973	10082	Beam	Angle	0.00	1	1	-	-	-	-	0.450	Z
9974	10083	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
9975	10084	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
9976	10085	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
9977	10086	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
9978	10087	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
9979	10088	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
9980	11033	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
9981	10090	Beam	Angle	0.00	2	2	-	-	-	-	0.270	Z
9982	10091	Beam	Angle	0.00	2	2	-	-	-	-	0.270	Z
9983	10092	Beam	Angle	0.00	2	2	-	-	-	-	0.270	Z
9984	10093	Beam	Angle	0.00	2	2	-	-	-	-	0.120	Z
9985	10094	Beam	Angle	0.00	2	2	-	-	-	-	0.120	Z
9986	11034	Beam	Angle	0.00	6	6	-	-	2	-	0.352	Y
9987	10096	Beam	Angle	0.00	1	1	-	-	-	-	0.380	Z
9988	10097	Beam	Angle	0.00	1	1	-	-	-	-	0.380	Z
9989	10098	Beam	Angle	0.00	1	1	-	-	-	-	0.380	Z
9990	10099	Beam	Angle	0.00	1	1	-	-	-	-	0.380	Z
9991	11035	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
9992	10479	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
9993	10483	Beam	Angle	2.67	1	1	-	-	-	-	0.307	Z
9994	10484	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
9995	10462	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9996	10463	Beam	Angle	2.67	1	1	-	-	-	-	0.572	Z
9997	10464	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
9998	10454	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
9999	10455	Beam	Angle	2.67	1	1	-	-	-	-	0.970	Z
10000	10456	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
10001	10110	Beam	Angle	0.00	7	7	-	-	16	-	0.300	X
10002	10111	Beam	Angle	0.00	7	7	-	-	16	-	0.300	X
10003	10112	Beam	Angle	0.00	7	7	-	-	16	-	0.300	X
10004	10113	Beam	Angle	0.00	7	7	-	-	16	-	0.300	X
10005	10114	Beam	Angle	0.00	7	7	-	-	16	-	0.300	X
10006	10115	Beam	Angle	0.00	7	7	-	-	16	-	0.300	X
10007	10116	Beam	Angle	0.00	7	7	-	-	16	-	0.300	X
10008	10117	Beam	Angle	0.00	7	7	-	-	16	-	0.300	X
10009	10118	Beam	Angle	0.00	7	7	-	-	16	-	0.300	X
10010	506	Beam	Angle	0.00	13	13	1	1	-	-	1.500	XY
10011	9123	Beam	Angle	0.00	6	6	-	-	12	-	0.300	Z
10012	591	Beam	Angle	0.00	13	13	1	-	-	-	0.100	Y
10013	615	Beam	Angle	0.00	13	13	1	1	-	-	1.500	XY
10014	9200	Beam	Angle	0.00	16	16	1	-	-	-	0.122	XZ
10015	2587	Beam	Angle	0.00	13	13	1	-	-	-	0.100	Y
10016	10119	Beam	Angle	0.00	1	1	-	-	-	-	0.550	Z
10017	2601	Beam	Angle	0.00	13	13	1	1	-	-	1.724	
10018	2604	Beam	Angle	0.00	13	13	1	-	-	-	0.115	YZ
10019	9209	Beam	Angle	0.00	16	16	1	-	-	-	0.122	XZ
10020	2714	Beam	Angle	0.00	13	13	1	1	-	-	1.724	
10021	2752	Beam	Angle	0.00	13	13	1	-	-	-	0.115	YZ
10022	9201	Beam	Angle	90.00	1	1	-	-	-	-	0.221	Z
10023	10120	Beam	Angle	0.00	1	1	-	-	-	-	0.350	Z
10024	10121	Beam	Angle	0.00	1	1	-	-	-	-	0.250	Z
10025	2890	Beam	Angle	0.00	13	13	1	1	-	-	2.581	
10026	2898	Beam	Angle	0.00	13	13	1	-	-	-	0.172	YZ
10027	10565	Beam	Angle	0.00	4	4	-	-	-	-	0.387	XZ
10028	2942	Beam	Angle	0.00	13	13	1	1	-	-	2.581	
10029	2978	Beam	Angle	0.00	13	13	1	-	-	-	0.172	YZ
10030	10695	Beam	Angle	0.00	4	4	-	-	-	-	0.147	X
10031	2658	Beam	Angle	90.00	6	6	-	-	20	-	0.440	Z
10032	2706	Beam	Angle	90.00	6	6	-	-	20	-	0.433	Z
10033	3056	Beam	Angle	90.00	6	6	-	-	20	-	0.350	Z
10034	10122	Beam	Angle	90.00	6	6	-	-	20	-	0.090	Z
10035	3064	Beam	Angle	90.00	6	6	-	-	20	-	0.440	Z
10036	3208	Beam	Angle	90.00	6	6	-	-	20	-	0.433	Z
10037	3211	Beam	Angle	90.00	6	6	-	-	20	-	0.350	Z
10038	10123	Beam	Angle	90.00	6	6	-	-	20	-	0.090	Z
10039	3225	Beam	Angle	0.00	10	10	1	1	21	-	1.152	X
10040	3228	Beam	Angle	0.00	10	10	1	1	21	-	1.152	X
10041	3282	Beam	Angle	0.00	10	10	1	1	21	-	1.152	X
10042	3290	Beam	Angle	0.00	10	10	1	1	21	-	1.152	X
10043	3330	Beam	Angle	0.00	10	10	1	1	21	-	1.152	X
10044	3338	Beam	Angle	0.00	10	10	1	1	21	-	1.152	X
10045	3376	Beam	Angle	0.00	10	10	1	1	21	-	1.152	X
10046	3688	Beam	Angle	0.00	13	13	1	1	-	-	1.500	XY
10047	10697	Beam	Angle	0.00	4	4	-	-	-	-	0.842	X
10048	4184	Beam	Angle	0.00	13	13	-	1	-	-	0.100	Y
10049	4185	Beam	Angle	0.00	13	13	1	1	-	-	1.500	XY
10050	10696	Beam	Angle	90.00	1	1	-	-	-	-	0.191	Z
10051	4187	Beam	Angle	0.00	13	13	-	1	-	-	0.100	Y
10052	4188	Beam	Angle	0.00	13	13	1	1	-	-	1.724	
10053	4189	Beam	Angle	0.00	13	13	-	1	-	-	0.115	YZ
10054	10698	Beam	Angle	90.00	2	2	-	-	-	-	0.022	YZ
10055	4197	Beam	Angle	0.00	13	13	1	1	-	-	1.724	
10056	4198	Beam	Angle	360.00	13	13	-	1	-	-	0.115	YZ
10057	10699	Beam	Angle	0.00	6	6	-	-	12	-	0.433	Z
10058	4272	Beam	Angle	0.00	13	13	1	1	-	-	2.581	
10059	4273	Beam	Angle	360.00	13	13	-	1	-	-	0.172	YZ
10060	10553	Beam	Angle	0.00	6	6	-	-	12	-	0.500	Z
10061	4275	Beam	Angle	0.00	13	13	1	-	-	-	0.445	
10062	4276	Beam	Angle	0.00	13	13	-	1	-	-	0.172	YZ
10063	10559	Beam	Angle	0.00	6	6	-	-	12	-	0.367	Z
10064	4194	Beam	Angle	270.00	6	6	-	-	22	-	0.440	Z
10065	4196	Beam	Angle	270.00	6	6	-	-	22	-	0.433	Z
10066	4280	Beam	Angle	270.00	6	6	-	-	22	-	0.350	Z
10067	10124	Beam	Angle	270.00	6	6	-	-	22	-	0.090	Z
10068	4281	Beam	Angle	270.00	6	6	-	-	22	-	0.440	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
10069	4282	Beam	Angle	270.00	6	6	-	-	22	-	0.433	Z
10070	4283	Beam	Angle	270.00	6	6	-	-	22	-	0.350	Z
10071	10125	Beam	Angle	270.00	6	6	-	-	22	-	0.090	Z
10072	4284	Beam	Angle	0.00	10	10	1	1	23	-	1.152	X
10073	4349	Beam	Angle	0.00	10	10	1	1	23	-	1.152	X
10074	4350	Beam	Angle	0.00	10	10	1	1	23	-	1.152	X
10075	4351	Beam	Angle	0.00	10	10	1	1	23	-	1.152	X
10076	4352	Beam	Angle	0.00	10	10	1	1	23	-	1.152	X
10077	4353	Beam	Angle	0.00	10	10	1	1	23	-	1.152	X
10078	4354	Beam	Angle	0.00	10	10	1	1	23	-	1.152	X
10079	5397	Beam	Angle	0.00	13	13	1	1	-	-	1.500	XY
10080	9286	Beam	Angle	0.00	6	6	-	-	12	-	0.500	Z
10081	5399	Beam	Angle	0.00	13	13	-	1	-	-	0.100	Y
10082	5400	Beam	Angle	0.00	13	13	1	1	-	-	1.500	XY
10083	10547	Beam	Angle	0.00	6	6	-	-	12	-	0.300	Z
10084	5402	Beam	Angle	0.00	13	13	-	1	-	-	0.100	Y
10085	5403	Beam	Angle	0.00	13	13	1	1	-	-	1.724	
10086	5404	Beam	Angle	0.00	13	13	-	1	-	-	0.115	YZ
10087	10707	Beam	Angle	0.00	13	13	1	1	-	-	0.241	XZ
10088	5961	Beam	Angle	0.00	13	13	1	1	-	-	1.724	
10089	5962	Beam	Angle	360.00	13	13	-	1	-	-	0.115	YZ
10090	10712	Beam	Angle	0.00	13	13	1	1	-	-	1.137	XZ
10091	5964	Beam	Angle	0.00	13	13	1	1	-	-	2.581	
10092	5968	Beam	Angle	360.00	13	13	-	1	-	-	0.172	YZ
10093	10716	Beam	Angle	0.00	13	13	1	1	-	-	0.752	XZ
10094	5970	Beam	Angle	0.00	13	13	1	1	-	-	2.581	
10095	5971	Beam	Angle	0.00	13	13	-	1	-	-	0.172	YZ
10096	10714	Beam	Angle	0.00	4	4	-	-	-	-	0.387	X
10097	5958	Beam	Angle	270.00	6	6	-	-	22	-	0.440	Z
10098	5960	Beam	Angle	270.00	6	6	-	-	22	-	0.433	Z
10099	5988	Beam	Angle	270.00	6	6	-	-	22	-	0.350	Z
10100	10126	Beam	Angle	270.00	6	6	-	-	22	-	0.090	Z
10101	5995	Beam	Angle	270.00	6	6	-	-	22	-	0.440	Z
10102	6194	Beam	Angle	270.00	6	6	-	-	22	-	0.433	Z
10103	6195	Beam	Angle	270.00	6	6	-	-	22	-	0.350	Z
10104	10127	Beam	Angle	270.00	6	6	-	-	22	-	0.090	Z
10105	6196	Beam	Angle	0.00	10	10	1	1	23	-	1.152	X
10106	6197	Beam	Angle	0.00	10	10	1	1	23	-	1.152	X
10107	6198	Beam	Angle	0.00	10	10	1	1	23	-	1.152	X
10108	6199	Beam	Angle	0.00	10	10	1	1	23	-	1.152	X
10109	6200	Beam	Angle	0.00	10	10	1	1	23	-	1.152	X
10110	6204	Beam	Angle	0.00	10	10	1	1	23	-	1.152	X
10111	6205	Beam	Angle	0.00	10	10	1	1	23	-	1.152	X
10112	8418	Beam	Angle	0.00	6	6	-	-	24	-	0.145	Z
10113	8419	Beam	Angle	0.00	6	6	-	-	24	-	0.295	Z
10114	8420	Beam	Angle	0.00	6	6	-	-	24	-	0.495	Z
10115	8421	Beam	Angle	0.00	6	6	-	-	24	-	0.295	Z
10116	8422	Beam	Angle	0.00	6	6	-	-	12	-	0.145	Z
10117	8432	Beam	Angle	0.00	6	6	-	-	12	-	0.295	Z
10118	8433	Beam	Angle	0.00	6	6	-	-	12	-	0.495	Z
10119	8434	Beam	Angle	0.00	6	6	-	-	12	-	0.295	Z
10120	8435	Beam	Angle	0.00	10	10	1	1	25	-	1.500	XY
10121	8437	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10122	8438	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10123	8447	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10124	8448	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10125	8449	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10126	8472	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10127	8747	Beam	Angle	0.00	6	6	-	-	12	-	0.145	Z
10128	8754	Beam	Angle	0.00	6	6	-	-	12	-	0.295	Z
10129	8755	Beam	Angle	0.00	6	6	-	-	12	-	0.495	Z
10130	8756	Beam	Angle	0.00	6	6	-	-	12	-	0.295	Z
10131	8757	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10132	8759	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10133	8760	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10134	8761	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10135	8762	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10136	8763	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10137	8764	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10138	8781	Beam	Angle	0.00	6	6	-	-	12	-	0.145	Z
10139	8782	Beam	Angle	0.00	6	6	-	-	12	-	0.295	Z
10140	8783	Beam	Angle	0.00	6	6	-	-	12	-	0.495	Z
10141	8784	Beam	Angle	0.00	6	6	-	-	12	-	0.295	Z
10142	8785	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10143	8790	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10144	8797	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10145	8798	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10146	8799	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10147	8800	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10148	8801	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10149	8818	Beam	Angle	0.00	6	6	-	-	12	-	0.145	Z
10150	8819	Beam	Angle	0.00	6	6	-	-	12	-	0.295	Z
10151	8820	Beam	Angle	0.00	6	6	-	-	12	-	0.495	Z
10152	8821	Beam	Angle	0.00	6	6	-	-	12	-	0.295	Z
10153	8822	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10154	8824	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10155	8825	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10156	8826	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10157	8827	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10158	8828	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10159	8832	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10160	8851	Beam	Angle	0.00	6	6	-	-	12	-	0.145	Z
10161	8852	Beam	Angle	0.00	6	6	-	-	12	-	0.295	Z
10162	8853	Beam	Angle	0.00	6	6	-	-	12	-	0.495	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
10163	8854	Beam	Angle	0.00	6	6	-	-	12	-	0.295	Z
10164	8855	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10165	8861	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10166	8862	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10167	8863	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10168	8864	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10169	8865	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10170	8866	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10171	8879	Beam	Angle	0.00	6	6	-	-	12	-	0.145	Z
10172	8880	Beam	Angle	0.00	6	6	-	-	12	-	0.295	Z
10173	8881	Beam	Angle	0.00	6	6	-	-	12	-	0.495	Z
10174	8882	Beam	Angle	0.00	6	6	-	-	12	-	0.295	Z
10175	8883	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10176	8885	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10177	8886	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10178	8887	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10179	8888	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10180	8889	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10181	8890	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10182	8907	Beam	Angle	0.00	6	6	-	-	12	-	0.145	Z
10183	8908	Beam	Angle	0.00	6	6	-	-	12	-	0.295	Z
10184	8909	Beam	Angle	0.00	6	6	-	-	12	-	0.495	Z
10185	8910	Beam	Angle	0.00	6	6	-	-	12	-	0.295	Z
10186	8911	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10187	8913	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10188	8914	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10189	8915	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10190	8916	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10191	8917	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10192	8918	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10193	9168	Beam	Angle	0.00	6	6	-	-	12	-	0.145	Z
10194	9169	Beam	Angle	0.00	6	6	-	-	12	-	0.295	Z
10195	9170	Beam	Angle	0.00	6	6	-	-	12	-	0.495	Z
10196	9171	Beam	Angle	0.00	6	6	-	-	12	-	0.295	Z
10197	9185	Beam	Angle	0.00	6	6	-	-	12	-	0.145	Z
10198	9186	Beam	Angle	0.00	6	6	-	-	12	-	0.295	Z
10199	9187	Beam	Angle	0.00	6	6	-	-	12	-	0.495	Z
10200	9188	Beam	Angle	0.00	6	6	-	-	12	-	0.295	Z
10201	8953	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10202	8955	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10203	8956	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10204	8957	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10205	8958	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10206	8959	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10207	8960	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10208	9189	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10209	9191	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10210	9192	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10211	9193	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10212	8984	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10213	8987	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10214	8990	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10215	8991	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10216	8992	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10217	8993	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10218	8994	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10219	9194	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10220	9195	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10221	9196	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10222	9214	Beam	Angle	0.00	6	6	-	-	12	-	0.145	Z
10223	9009	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10224	9010	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10225	9011	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10226	9012	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10227	9013	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10228	9014	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10229	9015	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10230	9215	Beam	Angle	0.00	6	6	-	-	12	-	0.295	Z
10231	9216	Beam	Angle	0.00	6	6	-	-	12	-	0.495	Z
10232	9217	Beam	Angle	0.00	6	6	-	-	12	-	0.295	Z
10233	9218	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10234	9034	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10235	9035	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10236	9036	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10237	9037	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10238	9038	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10239	9039	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10240	9040	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10241	9220	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10242	9221	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10243	9222	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10244	9223	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10245	9060	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10246	9061	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10247	9062	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10248	9063	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10249	9064	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10250	9065	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10251	9066	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10252	9224	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10253	9225	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10254	9238	Beam	Angle	0.00	6	6	-	-	12	-	0.145	Z
10255	9239	Beam	Angle	0.00	6	6	-	-	12	-	0.295	Z
10256	9081	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
10257	9082	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10258	9083	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10259	9084	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10260	9085	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10261	9086	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10262	9087	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10263	9240	Beam	Angle	0.00	6	6	-	-	12	-	0.495	Z
10264	9241	Beam	Angle	0.00	6	6	-	-	12	-	0.295	Z
10265	9242	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10266	9244	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10267	9102	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10268	9103	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10269	9104	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10270	9105	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10271	9106	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10272	9107	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10273	9108	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10274	8931	Beam	Angle	0.00	6	6	-	-	18	-	0.145	Z
10275	8932	Beam	Angle	0.00	6	6	-	-	18	-	0.295	Z
10276	8933	Beam	Angle	0.00	6	6	-	-	18	-	0.495	Z
10277	8934	Beam	Angle	0.00	6	6	-	-	18	-	0.295	Z
10278	8970	Beam	Angle	0.00	6	6	-	-	18	-	0.145	Z
10279	8971	Beam	Angle	0.00	6	6	-	-	18	-	0.295	Z
10280	8972	Beam	Angle	0.00	6	6	-	-	18	-	0.495	Z
10281	8973	Beam	Angle	0.00	6	6	-	-	18	-	0.295	Z
10282	8995	Beam	Angle	0.00	6	6	-	-	18	-	0.145	Z
10283	8996	Beam	Angle	0.00	6	6	-	-	18	-	0.295	Z
10284	8997	Beam	Angle	0.00	6	6	-	-	18	-	0.495	Z
10285	8998	Beam	Angle	0.00	6	6	-	-	18	-	0.295	Z
10286	9016	Beam	Angle	0.00	6	6	-	-	18	-	0.145	Z
10287	9017	Beam	Angle	0.00	6	6	-	-	18	-	0.295	Z
10288	9018	Beam	Angle	0.00	6	6	-	-	18	-	0.495	Z
10289	9019	Beam	Angle	0.00	6	6	-	-	18	-	0.295	Z
10290	9041	Beam	Angle	0.00	6	6	-	-	18	-	0.145	Z
10291	9042	Beam	Angle	0.00	6	6	-	-	18	-	0.295	Z
10292	9043	Beam	Angle	0.00	6	6	-	-	18	-	0.495	Z
10293	9044	Beam	Angle	0.00	6	6	-	-	18	-	0.295	Z
10294	9067	Beam	Angle	0.00	6	6	-	-	18	-	0.145	Z
10295	9068	Beam	Angle	0.00	6	6	-	-	18	-	0.295	Z
10296	9069	Beam	Angle	0.00	6	6	-	-	18	-	0.495	Z
10297	9070	Beam	Angle	0.00	6	6	-	-	18	-	0.295	Z
10298	9088	Beam	Angle	0.00	6	6	-	-	18	-	0.145	Z
10299	9089	Beam	Angle	0.00	6	6	-	-	18	-	0.295	Z
10300	9090	Beam	Angle	0.00	6	6	-	-	18	-	0.495	Z
10301	9091	Beam	Angle	0.00	6	6	-	-	18	-	0.295	Z
10302	8949	Beam	Angle	0.00	6	6	-	-	18	-	0.145	Z
10303	8950	Beam	Angle	0.00	6	6	-	-	18	-	0.295	Z
10304	8951	Beam	Angle	0.00	6	6	-	-	18	-	0.495	Z
10305	8952	Beam	Angle	0.00	6	6	-	-	18	-	0.295	Z
10306	9245	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10307	9246	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10308	9247	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10309	9248	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10310	9249	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10311	9283	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10312	9287	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10313	9288	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10314	9289	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10315	9290	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10316	9291	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10317	9292	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10318	9316	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10319	9317	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10320	9318	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10321	9319	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10322	9320	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10323	9321	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10324	9322	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10325	9510	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10326	9532	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10327	9533	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10328	9545	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10329	9555	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10330	9567	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10331	9712	Beam	Angle	0.00	10	10	1	1	26	-	1.500	XY
10332	9774	Beam	Angle	0.00	6	6	-	-	18	-	0.145	Z
10333	9792	Beam	Angle	0.00	6	6	-	-	18	-	0.295	Z
10334	9811	Beam	Angle	0.00	6	6	-	-	18	-	0.495	Z
10335	10063	Beam	Angle	0.00	6	6	-	-	18	-	0.295	Z
10336	9302	Beam	Angle	0.00	6	6	-	-	18	-	0.145	Z
10337	9303	Beam	Angle	0.00	6	6	-	-	18	-	0.295	Z
10338	9304	Beam	Angle	0.00	6	6	-	-	18	-	0.495	Z
10339	9305	Beam	Angle	0.00	6	6	-	-	18	-	0.295	Z
10340	9323	Beam	Angle	0.00	6	6	-	-	18	-	0.145	Z
10341	9324	Beam	Angle	0.00	6	6	-	-	18	-	0.295	Z
10342	9325	Beam	Angle	0.00	6	6	-	-	18	-	0.495	Z
10343	9326	Beam	Angle	0.00	6	6	-	-	18	-	0.295	Z
10344	9279	Beam	Angle	0.00	6	6	-	-	18	-	0.145	Z
10345	9280	Beam	Angle	0.00	6	6	-	-	18	-	0.295	Z
10346	9281	Beam	Angle	0.00	6	6	-	-	18	-	0.495	Z
10347	9282	Beam	Angle	0.00	6	6	-	-	18	-	0.295	Z
10348	10457	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
10349	10458	Beam	Angle	2.67	1	1	-	-	-	-	0.970	Z
10350	10459	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
10351	10471	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
10352	10472	Beam	Angle	2.67	1	1	-	-	-	-	0.970	Z
10353	10473	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
10354	10363	Beam	Angle	2.67	1	1	-	-	-	-	0.110	Z
10355	10364	Beam	Angle	2.67	1	1	-	-	-	-	0.810	Z
10356	10365	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
10357	10355	Beam	Angle	2.67	1	1	-	-	-	-	0.640	Z
10358	10356	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
10359	10366	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
10360	10367	Beam	Angle	2.67	1	1	-	-	-	-	0.970	Z
10361	10368	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
10362	10349	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
10363	10350	Beam	Angle	2.67	1	1	-	-	-	-	0.970	Z
10364	10351	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
10365	10360	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
10366	10361	Beam	Angle	2.67	1	1	-	-	-	-	0.970	Z
10367	10362	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
10368	10380	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
10369	10381	Beam	Angle	2.67	1	1	-	-	-	-	0.970	Z
10370	10382	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
10371	10357	Beam	Angle	2.67	1	1	-	-	-	-	0.110	Z
10372	10358	Beam	Angle	2.67	1	1	-	-	-	-	0.810	Z
10373	10359	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
10374	10378	Beam	Angle	2.67	1	1	-	-	-	-	0.307	Z
10375	10379	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
10376	10369	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
10377	10370	Beam	Angle	2.67	1	1	-	-	-	-	0.572	Z
10378	10371	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
10379	10352	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
10380	10353	Beam	Angle	2.67	1	1	-	-	-	-	0.970	Z
10381	10354	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
10382	10372	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
10383	10373	Beam	Angle	2.67	1	1	-	-	-	-	0.970	Z
10384	10374	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
10385	10375	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
10386	10376	Beam	Angle	2.67	1	1	-	-	-	-	0.970	Z
10387	10377	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
10388	10510	Beam	Angle	2.67	1	1	-	-	-	-	0.110	Z
10389	10511	Beam	Angle	2.67	1	1	-	-	-	-	0.810	Z
10390	10512	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
10391	10491	Beam	Angle	2.67	1	1	-	-	-	-	0.640	Z
10392	10492	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
10393	10498	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
10394	10499	Beam	Angle	2.67	1	1	-	-	-	-	0.970	Z
10395	10500	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
10396	10513	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
10397	10514	Beam	Angle	2.67	1	1	-	-	-	-	0.970	Z
10398	10515	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
10399	10507	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
10400	10508	Beam	Angle	2.67	1	1	-	-	-	-	0.970	Z
10401	10509	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
10402	10516	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
10403	10517	Beam	Angle	2.67	1	1	-	-	-	-	0.970	Z
10404	10518	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
10405	10501	Beam	Angle	2.67	1	1	-	-	-	-	0.110	Z
10406	10502	Beam	Angle	2.67	1	1	-	-	-	-	0.810	Z
10407	10503	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
10408	10493	Beam	Angle	2.67	1	1	-	-	-	-	0.307	Z
10409	10494	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
10410	10495	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
10411	10496	Beam	Angle	2.67	1	1	-	-	-	-	0.572	Z
10412	10497	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
10413	10504	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
10414	10505	Beam	Angle	2.67	1	1	-	-	-	-	0.970	Z
10415	10506	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
10416	10485	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
10417	10486	Beam	Angle	2.67	1	1	-	-	-	-	0.970	Z
10418	10487	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
10419	10488	Beam	Angle	2.67	1	1	-	-	-	-	0.500	Z
10420	10489	Beam	Angle	2.67	1	1	-	-	-	-	0.970	Z
10421	10490	Beam	Angle	2.67	1	1	-	-	-	-	0.030	Z
10422	10307	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10423	10310	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10424	10311	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10425	10313	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10426	10314	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10427	10524	Beam	Angle	360.00	16	16	2	2	-	-	3.312	
10428	10525	Beam	Angle	180.00	16	16	2	2	-	-	3.312	
10429	10526	Beam	Angle	360.00	16	16	2	2	-	-	3.312	
10430	10530	Beam	Angle	360.00	16	16	2	2	-	-	3.312	
10431	10531	Beam	Angle	180.00	16	16	2	2	-	-	3.312	
10432	10532	Beam	Angle	360.00	16	16	2	2	-	-	3.312	
10433	10527	Beam	Angle	180.00	16	16	2	2	-	-	3.312	
10434	10533	Beam	Angle	180.00	16	16	2	2	-	-	3.312	
10435	10528	Beam	Angle	180.00	16	16	2	2	-	-	3.312	
10436	10536	Beam	Angle	0.00	16	16	2	2	-	-	3.312	
10437	10537	Beam	Angle	180.00	16	16	2	2	-	-	3.312	
10438	10538	Beam	Angle	360.00	16	16	2	2	-	-	3.312	
10439	10539	Beam	Angle	180.00	16	16	2	2	-	-	3.312	
10440	10542	Beam	Angle	0.00	16	16	2	2	-	-	2.500	
10441	10543	Beam	Angle	180.00	16	16	2	2	-	-	2.500	
10442	10544	Beam	Angle	360.00	16	16	2	2	-	-	2.500	
10443	10545	Beam	Angle	180.00	16	16	2	2	-	-	2.500	
10444	10534	Beam	Angle	180.00	16	16	2	2	-	-	3.312	

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
10445	10540	Beam	Angle	180.00	16	16	2	2	-	-	3.312	
10446	10548	Beam	Angle	360.00	16	16	2	2	-	-	3.312	
10447	10549	Beam	Angle	180.00	16	16	2	2	-	-	3.312	
10448	10550	Beam	Angle	360.00	16	16	2	2	-	-	3.312	
10449	10554	Beam	Angle	360.00	16	16	2	2	-	-	3.312	
10450	10555	Beam	Angle	180.00	16	16	2	2	-	-	3.312	
10451	10556	Beam	Angle	360.00	16	16	2	2	-	-	3.312	
10452	10551	Beam	Angle	180.00	16	16	2	2	-	-	3.312	
10453	10557	Beam	Angle	180.00	16	16	2	2	-	-	3.312	
10454	10552	Beam	Angle	180.00	16	16	2	2	-	-	3.312	
10455	10560	Beam	Angle	0.00	16	16	2	2	-	-	3.312	
10456	10561	Beam	Angle	180.00	16	16	2	2	-	-	3.312	
10457	10562	Beam	Angle	360.00	16	16	2	2	-	-	3.312	
10458	10563	Beam	Angle	180.00	16	16	2	2	-	-	3.312	
10459	10566	Beam	Angle	0.00	16	16	2	2	-	-	2.500	
10460	10567	Beam	Angle	0.00	4	4	2	2	-	-	1.090	XY
10461	10568	Beam	Angle	0.00	4	4	2	2	-	-	1.090	XY
10462	10569	Beam	Angle	0.00	4	4	2	2	-	-	1.090	XY
10463	10570	Beam	Angle	0.00	4	4	2	2	-	-	1.090	XY
10464	10571	Beam	Angle	0.00	4	4	2	2	-	-	1.090	XY
10465	10572	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.075	XY
10466	10573	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.075	XY
10467	10574	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.075	XY
10468	10575	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.075	XY
10469	10576	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.075	XY
10470	10577	Beam	Angle	0.00	4	4	2	2	-	-	1.090	XY
10471	10578	Beam	Angle	0.00	4	4	2	2	-	-	1.090	XY
10472	10579	Beam	Angle	0.00	4	4	2	2	-	-	1.090	XY
10473	10580	Beam	Angle	0.00	4	4	2	2	-	-	1.090	XY
10474	10581	Beam	Angle	0.00	4	4	2	2	-	-	1.090	XY
10475	10582	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.075	XY
10476	10583	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.075	XY
10477	10584	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.075	XY
10478	10585	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.075	XY
10479	10586	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.075	XY
10480	10587	Beam	Angle	0.00	4	4	2	2	-	-	1.090	XY
10481	10588	Beam	Angle	0.00	4	4	2	2	-	-	1.090	XY
10482	10589	Beam	Angle	0.00	4	4	2	2	-	-	1.090	XY
10483	10590	Beam	Angle	0.00	4	4	2	2	-	-	1.090	XY
10484	10591	Beam	Angle	0.00	4	4	2	2	-	-	1.090	XY
10485	10592	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.075	XY
10486	10593	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.075	XY
10487	10594	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.075	XY
10488	10595	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.075	XY
10489	10596	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.075	XY
10490	10597	Beam	Angle	360.00	13	13	-	2	-	-	1.255	
10491	10598	Beam	Angle	360.00	13	13	-	2	-	-	1.886	
10492	10599	Beam	Angle	360.00	13	13	-	2	-	-	1.255	
10493	10600	Beam	Angle	360.00	13	13	-	2	-	-	1.886	
10494	10601	Beam	Angle	360.00	13	13	-	2	-	-	1.255	
10495	10602	Beam	Angle	360.00	13	13	-	2	-	-	1.886	
10496	10603	Beam	Angle	360.00	13	13	-	2	-	-	1.255	
10497	10604	Beam	Angle	360.00	13	13	-	2	-	-	1.886	
10498	10605	Beam	Angle	360.00	13	13	-	2	-	-	1.255	
10499	10606	Beam	Angle	360.00	13	13	-	2	-	-	1.886	
10500	10607	Beam	Angle	2.67	6	6	-	-	28	-	0.420	Z
10501	10608	Beam	Angle	2.67	6	6	-	-	28	-	0.450	Z
10502	10609	Beam	Angle	2.67	6	6	-	-	28	-	0.250	Z
10503	10610	Beam	Angle	2.67	6	6	-	-	28	-	0.050	Z
10504	10611	Beam	Angle	2.67	6	6	-	-	28	-	0.420	Z
10505	10612	Beam	Angle	2.67	6	6	-	-	28	-	0.450	Z
10506	10613	Beam	Angle	2.67	6	6	-	-	28	-	0.250	Z
10507	10614	Beam	Angle	2.67	6	6	-	-	28	-	0.050	Z
10508	10615	Beam	Angle	2.67	6	6	-	-	28	-	0.420	Z
10509	10616	Beam	Angle	2.67	6	6	-	-	28	-	0.450	Z
10510	10617	Beam	Angle	2.67	6	6	-	-	28	-	0.250	Z
10511	10618	Beam	Angle	2.67	6	6	-	-	28	-	0.050	Z
10512	10619	Beam	Angle	2.67	6	6	-	-	28	-	0.420	Z
10513	10620	Beam	Angle	2.67	6	6	-	-	28	-	0.110	Z
10514	10621	Beam	Angle	2.67	6	6	-	-	28	-	0.250	Z
10515	10622	Beam	Angle	2.67	6	6	-	-	28	-	0.050	Z
10516	10623	Beam	Angle	2.67	6	6	-	-	28	-	0.420	Z
10517	10624	Beam	Angle	2.67	6	6	-	-	28	-	0.450	Z
10518	10625	Beam	Angle	2.67	6	6	-	-	28	-	0.250	Z
10519	10626	Beam	Angle	2.67	6	6	-	-	28	-	0.050	Z
10520	10627	Beam	Angle	2.67	6	6	-	-	28	-	0.050	Z
10521	10628	Beam	Angle	2.67	6	6	-	-	28	-	0.050	Z
10522	10629	Beam	Angle	2.67	6	6	-	-	28	-	0.050	Z
10523	10630	Beam	Angle	2.67	6	6	-	-	28	-	0.050	Z
10524	10631	Beam	Angle	2.67	6	6	-	-	28	-	0.050	Z
10525	10632	Beam	Angle	0.00	10	10	2	2	29	-	2.640	XY
10526	10633	Beam	Angle	0.00	10	10	2	2	29	-	2.640	XY
10527	10634	Beam	Angle	0.00	10	10	2	2	29	-	2.640	XY
10528	10635	Beam	Angle	0.00	10	10	2	2	29	-	1.500	XY
10529	10636	Beam	Angle	0.00	10	10	2	2	29	-	2.640	XY
10530	10637	Beam	Angle	0.00	10	10	2	2	29	-	2.640	XY
10531	10638	Beam	Angle	0.00	10	10	2	2	29	-	2.640	XY
10532	10639	Beam	Angle	0.00	10	10	2	2	29	-	1.500	XY
10533	10640	Beam	Angle	0.00	10	10	2	2	29	-	2.640	XY
10534	10641	Beam	Angle	0.00	10	10	2	2	29	-	2.640	XY
10535	10642	Beam	Angle	0.00	10	10	2	2	29	-	2.640	XY
10536	10643	Beam	Angle	0.00	10	10	2	2	29	-	1.500	XY
10537	10644	Beam	Angle	0.00	10	10	2	2	29	-	2.640	XY
10538	10645	Beam	Angle	0.00	10	10	2	2	29	-	2.640	XY

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
10539	10646	Beam	Angle	0.00	10	10	2	2	29	-	2.640	XY
10540	10647	Beam	Angle	0.00	10	10	2	2	29	-	1.500	XY
10541	10648	Beam	Angle	0.00	10	10	2	2	29	-	2.640	XY
10542	10649	Beam	Angle	0.00	10	10	2	2	29	-	2.640	XY
10543	10650	Beam	Angle	0.00	10	10	2	2	29	-	2.640	XY
10544	10651	Beam	Angle	0.00	10	10	2	2	29	-	1.500	XY
10545	10652	Beam	Angle	0.00	10	10	2	2	29	-	2.640	XY
10546	10653	Beam	Angle	0.00	10	10	2	2	29	-	2.640	XY
10547	10654	Beam	Angle	0.00	10	10	2	2	29	-	2.640	XY
10548	10655	Beam	Angle	0.00	10	10	2	2	29	-	1.500	XY
10549	10656	Beam	Angle	0.00	10	10	2	2	29	-	2.640	XY
10550	10657	Beam	Angle	0.00	10	10	2	2	29	-	2.640	XY
10551	10658	Beam	Angle	0.00	10	10	2	2	29	-	2.640	XY
10552	10659	Beam	Angle	0.00	10	10	2	2	29	-	1.500	XY
10553	10660	Beam	Angle	0.00	10	10	2	2	29	-	2.640	XY
10554	10661	Beam	Angle	0.00	10	10	2	2	29	-	2.640	XY
10555	10662	Beam	Angle	0.00	10	10	2	2	29	-	2.640	XY
10556	10663	Beam	Angle	0.00	10	10	2	2	29	-	1.500	XY
10557	10664	Beam	Angle	0.00	10	10	2	2	29	-	2.640	XY
10558	10665	Beam	Angle	0.00	10	10	2	2	29	-	2.640	XY
10559	10666	Beam	Angle	0.00	10	10	2	2	29	-	2.640	XY
10560	10667	Beam	Angle	0.00	10	10	2	2	29	-	1.500	XY
10561	10668	Beam	Angle	0.00	10	10	2	2	29	-	2.640	XY
10562	10669	Beam	Angle	0.00	10	10	2	2	29	-	2.640	XY
10563	10670	Beam	Angle	0.00	10	10	2	2	29	-	2.640	XY
10564	10671	Beam	Angle	0.00	10	10	2	2	29	-	1.500	XY
10565	10672	Beam	Angle	0.00	10	10	2	2	29	-	2.640	XY
10566	10673	Beam	Angle	0.00	10	10	2	2	29	-	2.640	XY
10567	10674	Beam	Angle	0.00	10	10	2	2	29	-	2.640	XY
10568	10675	Beam	Angle	0.00	10	10	2	2	29	-	1.500	XY
10569	10676	Beam	Angle	0.00	10	10	2	2	29	-	2.640	XY
10570	10677	Beam	Angle	0.00	10	10	2	2	29	-	2.640	XY
10571	10678	Beam	Angle	0.00	10	10	2	2	29	-	2.640	XY
10572	10679	Beam	Angle	0.00	10	10	2	2	29	-	1.500	XY
10573	10680	Beam	Angle	0.00	10	10	2	2	29	-	2.640	XY
10574	10681	Beam	Angle	0.00	10	10	2	2	29	-	2.640	XY
10575	10682	Beam	Angle	0.00	10	10	2	2	29	-	2.640	XY
10576	10683	Beam	Angle	0.00	10	10	2	2	29	-	1.500	XY
10577	10913	Beam	Angle	2.67	1	1	-	-	-	-	0.830	Z
10578	10915	Beam	Angle	2.67	1	1	-	-	-	-	0.168	Z
10579	10912	Beam	Angle	2.67	1	1	-	-	-	-	0.345	Z
10580	10914	Beam	Angle	2.67	1	1	-	-	-	-	0.830	Z
10581	10877	Beam	Angle	2.67	1	1	-	-	-	-	0.830	Z
10582	10876	Beam	Angle	2.67	1	1	-	-	-	-	0.168	Z
10583	10878	Beam	Angle	2.67	1	1	-	-	-	-	0.345	Z
10584	10810	Beam	Angle	2.67	1	1	-	-	-	-	0.830	Z
10585	10809	Beam	Angle	2.67	1	1	-	-	-	-	0.830	Z
10586	10692	Beam	Angle	2.67	1	1	-	-	-	-	0.168	Z
10587	10694	Beam	Angle	2.67	1	1	-	-	-	-	0.345	Z
10588	10693	Beam	Angle	2.67	1	1	-	-	-	-	0.830	Z
10589	10933	Beam	Angle	2.67	1	1	-	-	-	-	0.830	Z
10590	10934	Beam	Angle	2.67	1	1	-	-	-	-	0.168	Z
10591	10931	Beam	Angle	2.67	1	1	-	-	-	-	0.345	Z
10592	10932	Beam	Angle	2.67	1	1	-	-	-	-	0.830	Z
10593	10856	Beam	Angle	2.67	1	1	-	-	-	-	0.830	Z
10594	10855	Beam	Angle	2.67	1	1	-	-	-	-	0.168	Z
10595	10857	Beam	Angle	2.67	1	1	-	-	-	-	0.345	Z
10596	10854	Beam	Angle	2.67	1	1	-	-	-	-	0.830	Z
10597	10803	Beam	Angle	0.00	4	4	-	2	-	-	2.640	XY
10598	10685	Beam	Angle	180.00	16	16	2	2	-	-	2.500	
10599	10802	Beam	Angle	0.00	4	4	-	2	-	-	2.640	XY
10600	10687	Beam	Angle	360.00	16	16	2	2	-	-	2.500	
10601	10806	Beam	Angle	0.00	4	4	-	2	-	-	2.640	XY
10602	10807	Beam	Angle	0.00	4	4	-	2	-	-	2.640	XY
10603	10808	Beam	Angle	0.00	4	4	-	2	-	-	2.640	XY
10604	10859	Beam	Angle	0.00	4	4	-	2	-	-	2.640	XY
10605	10872	Beam	Angle	0.00	4	4	-	2	-	-	2.640	XY
10606	10873	Beam	Angle	0.00	4	4	-	2	-	-	2.640	XY
10607	10860	Beam	Angle	0.00	4	4	-	2	-	-	2.640	XY
10608	10688	Beam	Angle	180.00	16	16	2	2	-	-	2.500	
10609	10869	Beam	Angle	0.00	4	4	-	2	-	-	2.640	XY
10610	10558	Beam	Angle	180.00	16	16	2	2	-	-	3.312	
10611	10564	Beam	Angle	180.00	16	16	2	2	-	-	3.312	
10612	10690	Beam	Angle	0.00	10	10	2	2	29	-	2.640	XY
10613	10691	Beam	Angle	0.00	10	10	2	2	29	-	2.640	XY
10614	10315	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10615	10317	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10616	10867	Beam	Angle	0.00	4	4	-	2	-	-	2.640	XY
10617	10319	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10618	10858	Beam	Angle	0.00	4	4	-	2	-	-	1.500	XY
10619	10326	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10620	10328	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10621	10333	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10622	10335	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10623	10686	Beam	Angle	0.00	4	4	-	2	-	-	2.640	XY
10624	10519	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10625	10689	Beam	Angle	0.00	4	4	-	2	-	-	2.640	XY
10626	10520	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10627	10521	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10628	10684	Beam	Angle	0.00	4	4	-	2	-	-	2.640	XY
10629	10522	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10630	10893	Beam	Angle	0.00	4	4	-	2	-	-	2.640	XY
10631	10890	Beam	Angle	0.00	4	4	-	2	-	-	2.640	XY
10632	10894	Beam	Angle	0.00	4	4	-	2	-	-	2.640	XY

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
10633	10899	Beam	Angle	0.00	4	4	-	2	-	-	2.640	XY
10634	10891	Beam	Angle	0.00	4	4	-	2	-	-	2.640	XY
10635	10885	Beam	Angle	0.00	4	4	-	2	-	-	2.640	XY
10636	10887	Beam	Angle	0.00	4	4	-	2	-	-	2.640	XY
10637	10900	Beam	Angle	0.00	4	4	-	2	-	-	2.640	XY
10638	10523	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10639	10886	Beam	Angle	0.00	4	4	-	2	-	-	2.640	XY
10640	10529	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10641	10715	Beam	Angle	0.00	4	4	-	1	-	-	0.617	X
10642	10833	Beam	Angle	0.00	13	13	1	1	-	-	0.752	XZ
10643	4011	Beam	Angle	0.00	4	4	-	-	-	-	0.147	X
10644	10705	Beam	Angle	0.00	4	4	-	-	-	-	0.842	X
10645	10706	Beam	Angle	90.00	1	1	-	-	-	-	0.191	Z
10646	10902	Beam	Angle	0.00	4	4	-	2	-	-	2.640	XY
10647	10711	Beam	Angle	90.00	1	1	-	-	-	-	0.221	Z
10648	10889	Beam	Angle	0.00	4	4	-	2	-	-	1.500	XY
10649	10709	Beam	Angle	90.00	1	1	-	-	-	-	0.248	Z
10650	10710	Beam	Angle	90.00	2	2	-	-	-	-	0.022	YZ
10651	10700	Beam	Angle	0.00	6	6	-	-	12	-	0.433	Z
10652	10703	Beam	Angle	0.00	6	6	-	-	12	-	0.500	Z
10653	10911	Beam	Angle	0.00	4	4	-	2	-	-	2.640	XY
10654	10704	Beam	Angle	0.00	6	6	-	-	12	-	0.367	Z
10655	10910	Beam	Angle	0.00	4	4	-	2	-	-	2.640	XY
10656	10701	Beam	Angle	0.00	6	6	-	-	12	-	0.500	Z
10657	10794	Beam	Angle	2.67	1	1	-	-	-	-	0.390	Z
10658	10796	Beam	Angle	2.67	1	1	-	-	-	-	0.160	Z
10659	10795	Beam	Angle	2.67	1	1	-	-	-	-	0.390	Z
10660	10793	Beam	Angle	2.67	1	1	-	-	-	-	0.160	Z
10661	10792	Beam	Angle	2.67	1	1	-	-	-	-	0.333	Z
10662	10789	Beam	Angle	2.67	1	1	-	-	-	-	0.398	Z
10663	10790	Beam	Angle	2.67	1	1	-	-	-	-	0.390	Z
10664	10791	Beam	Angle	2.67	1	1	-	-	-	-	0.160	Z
10665	10797	Beam	Angle	2.67	1	1	-	-	-	-	0.390	Z
10666	10799	Beam	Angle	2.67	1	1	-	-	-	-	0.160	Z
10667	10800	Beam	Angle	2.67	1	1	-	-	-	-	0.333	Z
10668	10798	Beam	Angle	2.67	1	1	-	-	-	-	0.398	Z
10669	10812	Beam	Angle	2.67	1	1	-	-	-	-	0.390	Z
10670	10814	Beam	Angle	2.67	1	1	-	-	-	-	0.160	Z
10671	10815	Beam	Angle	2.67	1	1	-	-	-	-	0.390	Z
10672	10816	Beam	Angle	2.67	1	1	-	-	-	-	0.160	Z
10673	10811	Beam	Angle	2.67	1	1	-	-	-	-	0.333	Z
10674	10813	Beam	Angle	2.67	1	1	-	-	-	-	0.398	Z
10675	10881	Beam	Angle	2.67	1	1	-	-	-	-	0.390	Z
10676	10883	Beam	Angle	2.67	1	1	-	-	-	-	0.160	Z
10677	10879	Beam	Angle	2.67	1	1	-	-	-	-	0.390	Z
10678	10880	Beam	Angle	2.67	1	1	-	-	-	-	0.160	Z
10679	10884	Beam	Angle	2.67	1	1	-	-	-	-	0.333	Z
10680	10882	Beam	Angle	2.67	1	1	-	-	-	-	0.398	Z
10681	10822	Beam	Angle	2.67	1	1	-	-	-	-	0.390	Z
10682	10829	Beam	Angle	2.67	1	1	-	-	-	-	0.160	Z
10683	10817	Beam	Angle	2.67	1	1	-	-	-	-	0.390	Z
10684	10820	Beam	Angle	2.67	1	1	-	-	-	-	0.160	Z
10685	10819	Beam	Angle	2.67	1	1	-	-	-	-	0.333	Z
10686	10818	Beam	Angle	2.67	1	1	-	-	-	-	0.398	Z
10687	10702	Beam	Angle	0.00	6	6	-	-	12	-	0.300	Z
10688	10713	Beam	Angle	0.00	4	4	-	1	-	-	0.310	X
10689	10717	Beam	Angle	0.00	13	13	1	1	-	-	0.241	XZ
10690	10718	Beam	Angle	0.00	13	13	1	1	-	-	1.137	XZ
10691	10719	Beam	Angle	0.00	13	13	1	1	-	-	0.508	XZ
10692	10723	Beam	Angle	0.00	13	13	1	1	-	-	0.752	XZ
10693	10721	Beam	Angle	0.00	4	4	-	-	-	-	0.387	X
10694	10722	Beam	Angle	0.00	4	4	-	1	-	-	0.617	X
10695	10720	Beam	Angle	0.00	4	4	-	1	-	-	0.310	X
10696	10724	Beam	Angle	0.00	13	13	1	1	-	-	0.241	XZ
10697	10804	Beam	Angle	0.00	13	13	1	1	-	-	1.137	XZ
10698	10805	Beam	Angle	0.00	13	13	1	1	-	-	0.508	XZ
10699	10821	Beam	Angle	0.00	16	16	1	-	-	-	0.164	XZ
10700	10831	Beam	Angle	0.00	4	4	-	-	-	-	0.387	X
10701	10832	Beam	Angle	0.00	4	4	-	1	-	-	0.617	X
10702	10828	Beam	Angle	0.00	4	4	-	1	-	-	0.310	X
10703	10827	Beam	Angle	90.00	1	1	-	-	-	-	0.191	Z
10704	10830	Beam	Angle	90.00	1	1	-	-	-	-	0.248	Z
10705	10708	Beam	Angle	0.00	6	6	-	-	12	-	0.433	Z
10706	10836	Beam	Angle	0.00	6	6	-	-	12	-	0.500	Z
10707	10837	Beam	Angle	0.00	6	6	-	-	12	-	0.367	Z
10708	10834	Beam	Angle	0.00	6	6	-	-	12	-	0.500	Z
10709	10835	Beam	Angle	0.00	6	6	-	-	12	-	0.300	Z
10710	10823	Beam	Angle	0.00	13	13	1	1	-	-	0.241	XZ
10711	10824	Beam	Angle	0.00	13	13	1	1	-	-	1.137	XZ
10712	10825	Beam	Angle	0.00	13	13	1	1	-	-	0.508	XZ
10713	10826	Beam	Angle	0.00	16	16	1	-	-	-	0.164	XZ
10714	10838	Beam	Angle	90.00	1	1	-	-	-	-	0.248	Z
10715	10839	Beam	Angle	90.00	1	1	-	-	-	-	0.248	Z
10716	10840	Beam	Angle	90.00	1	1	-	-	-	-	0.221	Z
10717	10841	Beam	Angle	90.00	1	1	-	-	-	-	0.221	Z
10718	11036	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
10719	11037	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
10720	11038	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
10721	11039	Beam	Angle	0.00	8	8	-	-	6	-	0.155	Z
10722	10100	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10723	10842	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10724	10843	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10725	11040	Beam	Angle	0.00	8	8	-	-	6	-	0.155	Z
10726	11041	Beam	Angle	0.00	8	8	-	-	6	-	0.155	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
10727	11042	Beam	Angle	0.00	8	8	-	-	6	-	0.155	Z
10728	11045	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
10729	10848	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10730	10849	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10731	10850	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10732	11046	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
10733	11043	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
10734	10740	Beam	Angle	360.00	13	13	2	2	-	-	1.189	
10735	10741	Beam	Angle	0.00	13	13	2	-	-	-	0.082	
10736	10725	Beam	Angle	360.00	13	13	2	2	-	-	1.788	
10737	10726	Beam	Angle	0.00	13	13	2	-	-	-	0.123	
10738	10734	Beam	Angle	360.00	13	13	2	2	-	-	1.189	
10739	10735	Beam	Angle	0.00	13	13	2	-	-	-	0.082	
10740	10742	Beam	Angle	360.00	13	13	2	2	-	-	1.788	
10741	10743	Beam	Angle	0.00	13	13	2	-	-	-	0.123	
10742	10744	Beam	Angle	360.00	13	13	2	2	-	-	1.189	
10743	10745	Beam	Angle	0.00	13	13	2	-	-	-	0.082	
10744	10727	Beam	Angle	360.00	13	13	2	2	-	-	1.788	
10745	10728	Beam	Angle	0.00	13	13	2	-	-	-	0.123	
10746	10736	Beam	Angle	360.00	13	13	2	2	-	-	1.189	
10747	10737	Beam	Angle	0.00	13	13	2	-	-	-	0.082	
10748	10738	Beam	Angle	360.00	13	13	2	2	-	-	1.788	
10749	10739	Beam	Angle	0.00	13	13	2	-	-	-	0.123	
10750	10748	Beam	Angle	360.00	13	13	2	2	-	-	1.189	
10751	10749	Beam	Angle	0.00	13	13	2	-	-	-	0.082	
10752	10746	Beam	Angle	360.00	13	13	2	2	-	-	1.788	
10753	10747	Beam	Angle	0.00	13	13	2	-	-	-	0.123	
10754	10729	Beam	Angle	2.67	6	6	-	-	28	-	0.500	Z
10755	10730	Beam	Angle	2.67	6	6	-	-	28	-	0.500	Z
10756	10731	Beam	Angle	2.67	6	6	-	-	28	-	0.050	Z
10757	10750	Beam	Angle	2.67	6	6	-	-	28	-	0.500	Z
10758	10751	Beam	Angle	2.67	6	6	-	-	28	-	0.250	Z
10759	10732	Beam	Angle	2.67	6	6	-	-	28	-	0.500	Z
10760	10733	Beam	Angle	2.67	6	6	-	-	28	-	0.450	Z
10761	10768	Beam	Angle	2.67	6	6	-	-	28	-	0.500	Z
10762	10769	Beam	Angle	2.67	6	6	-	-	28	-	0.500	Z
10763	10770	Beam	Angle	2.67	6	6	-	-	28	-	0.500	Z
10764	10771	Beam	Angle	2.67	6	6	-	-	28	-	0.450	Z
10765	10761	Beam	Angle	2.67	6	6	-	-	28	-	0.500	Z
10766	10762	Beam	Angle	2.67	6	6	-	-	28	-	0.500	Z
10767	10763	Beam	Angle	2.67	6	6	-	-	28	-	0.050	Z
10768	10752	Beam	Angle	2.67	6	6	-	-	28	-	0.500	Z
10769	10753	Beam	Angle	2.67	6	6	-	-	28	-	0.250	Z
10770	10754	Beam	Angle	2.67	6	6	-	-	28	-	0.500	Z
10771	10755	Beam	Angle	2.67	6	6	-	-	28	-	0.450	Z
10772	10764	Beam	Angle	2.67	6	6	-	-	28	-	0.500	Z
10773	10765	Beam	Angle	2.67	6	6	-	-	28	-	0.500	Z
10774	10766	Beam	Angle	2.67	6	6	-	-	28	-	0.500	Z
10775	10767	Beam	Angle	2.67	6	6	-	-	28	-	0.450	Z
10776	10756	Beam	Angle	2.67	6	6	-	-	28	-	0.500	Z
10777	10757	Beam	Angle	2.67	6	6	-	-	28	-	0.500	Z
10778	10758	Beam	Angle	2.67	6	6	-	-	28	-	0.050	Z
10779	10759	Beam	Angle	2.67	6	6	-	-	28	-	0.500	Z
10780	10760	Beam	Angle	2.67	6	6	-	-	28	-	0.250	Z
10781	10783	Beam	Angle	2.67	6	6	-	-	28	-	0.500	Z
10782	10784	Beam	Angle	2.67	6	6	-	-	28	-	0.450	Z
10783	10776	Beam	Angle	2.67	6	6	-	-	28	-	0.500	Z
10784	10777	Beam	Angle	2.67	6	6	-	-	28	-	0.500	Z
10785	10778	Beam	Angle	2.67	6	6	-	-	28	-	0.500	Z
10786	10779	Beam	Angle	2.67	6	6	-	-	28	-	0.450	Z
10787	10780	Beam	Angle	2.67	6	6	-	-	28	-	0.500	Z
10788	10781	Beam	Angle	2.67	6	6	-	-	28	-	0.500	Z
10789	10782	Beam	Angle	2.67	6	6	-	-	28	-	0.050	Z
10790	10774	Beam	Angle	2.67	6	6	-	-	28	-	0.500	Z
10791	10775	Beam	Angle	2.67	6	6	-	-	28	-	0.250	Z
10792	10772	Beam	Angle	2.67	6	6	-	-	28	-	0.500	Z
10793	10773	Beam	Angle	2.67	6	6	-	-	28	-	0.450	Z
10794	10785	Beam	Angle	2.67	6	6	-	-	28	-	0.500	Z
10795	10786	Beam	Angle	2.67	6	6	-	-	28	-	0.500	Z
10796	10787	Beam	Angle	2.67	6	6	-	-	28	-	0.500	Z
10797	10788	Beam	Angle	2.67	6	6	-	-	28	-	0.450	Z
10798	10924	Beam	Angle	2.67	6	6	-	-	28	-	0.500	Z
10799	10925	Beam	Angle	2.67	6	6	-	-	28	-	0.500	Z
10800	10926	Beam	Angle	2.67	6	6	-	-	28	-	0.050	Z
10801	10922	Beam	Angle	2.67	6	6	-	-	28	-	0.500	Z
10802	10923	Beam	Angle	2.67	6	6	-	-	28	-	0.250	Z
10803	10920	Beam	Angle	2.67	6	6	-	-	28	-	0.500	Z
10804	10921	Beam	Angle	2.67	6	6	-	-	28	-	0.450	Z
10805	10916	Beam	Angle	2.67	6	6	-	-	28	-	0.500	Z
10806	10917	Beam	Angle	2.67	6	6	-	-	28	-	0.500	Z
10807	10918	Beam	Angle	2.67	6	6	-	-	28	-	0.500	Z
10808	10919	Beam	Angle	2.67	6	6	-	-	28	-	0.450	Z
10809	10927	Beam	Angle	2.67	6	6	-	-	28	-	0.450	Z
10810	10928	Beam	Angle	2.67	6	6	-	-	28	-	0.450	Z
10811	10930	Beam	Angle	2.67	6	6	-	-	28	-	0.450	Z
10812	10929	Beam	Angle	2.67	6	6	-	-	28	-	0.450	Z
10813	10801	Beam	Angle	2.67	6	6	-	-	28	-	0.450	Z
10814	10935	Beam	Angle	0.00	16	16	2	2	-	-	2.777	
10815	10936	Beam	Angle	0.00	16	16	2	2	-	-	2.777	
10816	10937	Beam	Angle	0.00	16	16	2	2	-	-	2.777	
10817	10938	Beam	Angle	360.00	16	16	2	2	-	-	1.729	
10818	10939	Beam	Angle	360.00	16	16	2	2	-	-	2.777	
10819	10940	Beam	Angle	360.00	16	16	2	2	-	-	2.777	
10820	10941	Beam	Angle	360.00	16	16	2	2	-	-	2.777	

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
10821	10942	Beam	Angle	360.00	16	16	2	2	-	-	1.729	
10822	11044	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
10823	10271	Beam	Angle	0.00	16	16	2	2	-	-	2.961	
10824	10308	Beam	Angle	0.00	16	16	2	2	-	-	2.500	
10825	10312	Beam	Angle	0.00	16	16	2	2	-	-	2.961	
10826	10309	Beam	Angle	0.00	16	16	2	2	-	-	2.500	
10827	10261	Beam	Angle	180.00	16	16	2	2	-	-	2.011	
10828	10263	Beam	Angle	180.00	16	16	2	2	-	-	2.011	
10829	10268	Beam	Angle	180.00	16	16	2	2	-	-	2.961	
10830	10269	Beam	Angle	180.00	16	16	2	2	-	-	2.961	
10831	10270	Beam	Angle	180.00	16	16	2	2	-	-	2.961	
10832	10273	Beam	Angle	180.00	16	16	2	2	-	-	2.961	
10833	4274	Beam	Angle	0.00	6	6	-	-	12	-	0.500	Z
10834	4277	Beam	Angle	0.00	6	6	-	-	12	-	0.500	Z
10835	5398	Beam	Angle	0.00	6	6	-	-	12	-	0.500	Z
10836	5401	Beam	Angle	0.00	6	6	-	-	12	-	0.500	Z
10837	10943	Beam	Angle	0.00	6	6	-	-	12	-	0.067	Z
10838	10944	Beam	Angle	0.00	6	6	-	-	12	-	0.133	Z
10839	10945	Beam	Angle	0.00	6	6	-	-	12	-	0.067	Z
10840	10946	Beam	Angle	0.00	6	6	-	-	12	-	0.133	Z
10841	10947	Beam	Angle	0.00	6	6	-	-	12	-	0.067	Z
10842	10948	Beam	Angle	0.00	6	6	-	-	12	-	0.133	Z
10843	10949	Beam	Angle	0.00	6	6	-	-	12	-	0.067	Z
10844	10950	Beam	Angle	0.00	6	6	-	-	12	-	0.133	Z
10845	5959	Beam	Angle	0.00	13	13	-	1	-	-	0.365	XZ
10846	5963	Beam	Angle	0.00	13	13	-	1	-	-	0.365	XZ
10847	5969	Beam	Angle	0.00	13	13	-	1	-	-	0.365	XZ
10848	5987	Beam	Angle	0.00	13	13	-	1	-	-	0.365	XZ
10849	9276	Beam	Angle	0.00	13	13	-	1	-	-	0.491	XZ
10850	9277	Beam	Angle	0.00	13	13	-	1	-	-	0.491	XZ
10851	9278	Beam	Angle	0.00	13	13	-	1	-	-	0.491	XZ
10852	9285	Beam	Angle	0.00	13	13	-	1	-	-	0.491	XZ
10853	10951	Beam	Angle	0.00	4	4	-	1	-	-	0.310	X
10854	10952	Beam	Angle	0.00	13	13	1	1	-	-	0.752	XZ
10855	10953	Beam	Angle	0.00	4	4	-	1	-	-	0.617	X
10856	10954	Beam	Angle	0.00	13	13	1	1	-	-	0.508	XZ
10857	10955	Beam	Angle	0.00	16	16	1	-	-	-	0.164	
10858	10956	Beam	Angle	0.00	16	16	1	-	-	-	0.164	
10859	10957	Beam	Angle	0.00	16	16	1	-	-	-	0.122	
10860	10958	Beam	Angle	0.00	16	16	1	-	-	-	0.122	
10861	11027	Beam	Angle	0.00	8	8	-	-	6	-	0.175	Z
10862	10862	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10863	10863	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10864	10864	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10865	11028	Beam	Angle	0.00	8	8	-	-	6	-	0.175	Z
10866	11029	Beam	Angle	0.00	8	8	-	-	6	-	0.175	Z
10867	11030	Beam	Angle	0.00	8	8	-	-	34	-	0.077	Z
10868	11047	Beam	Angle	0.00	8	8	-	-	-	-	0.150	Z
10869	10871	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10870	10874	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10871	10875	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10872	11048	Beam	Angle	0.00	2	2	-	-	-	-	0.460	Z
10873	11049	Beam	Angle	0.00	2	2	-	-	-	-	0.330	Z
10874	11050	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
10875	11051	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
10876	10897	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10877	10898	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10878	10901	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10879	11052	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
10880	11053	Beam	Angle	0.00	8	8	-	-	-	-	0.150	Z
10881	11054	Beam	Angle	0.00	2	2	-	-	-	-	0.460	Z
10882	11055	Beam	Angle	0.00	2	2	-	-	-	-	0.330	Z
10883	10907	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10884	10908	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10885	10909	Beam	Angle	0.00	10	10	1	1	13	-	1.500	XY
10886	1171	Beam	Angle	0.00	6	6	-	-	12	-	0.500	Z
10887	1172	Beam	Angle	0.00	6	6	-	-	12	-	0.500	Z
10888	1173	Beam	Angle	0.00	6	6	-	-	12	-	0.500	Z
10889	1174	Beam	Angle	0.00	6	6	-	-	12	-	0.500	Z
10890	10962	Beam	Angle	0.00	6	6	-	-	12	-	0.067	Z
10891	10963	Beam	Angle	0.00	6	6	-	-	12	-	0.133	Z
10892	10964	Beam	Angle	0.00	6	6	-	-	12	-	0.067	Z
10893	10965	Beam	Angle	0.00	6	6	-	-	12	-	0.133	Z
10894	10966	Beam	Angle	0.00	6	6	-	-	12	-	0.067	Z
10895	10967	Beam	Angle	0.00	6	6	-	-	12	-	0.133	Z
10896	10968	Beam	Angle	0.00	6	6	-	-	12	-	0.067	Z
10897	10969	Beam	Angle	0.00	6	6	-	-	12	-	0.133	Z
10898	1175	Beam	Angle	0.00	13	13	-	1	-	-	0.365	XZ
10899	1176	Beam	Angle	0.00	13	13	-	1	-	-	0.365	XZ
10900	1177	Beam	Angle	0.00	13	13	-	1	-	-	0.365	XZ
10901	1178	Beam	Angle	0.00	13	13	-	1	-	-	0.365	XZ
10902	1179	Beam	Angle	0.00	13	13	-	1	-	-	0.491	XZ
10903	1180	Beam	Angle	0.00	13	13	-	1	-	-	0.491	XZ
10904	1181	Beam	Angle	0.00	13	13	-	1	-	-	0.491	XZ
10905	1182	Beam	Angle	0.00	13	13	-	1	-	-	0.491	XZ
10906	3965	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10907	3988	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10908	3989	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10909	4012	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10910	4303	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10911	4309	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10912	4313	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10913	4319	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10914	4324	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
10915	4325	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10916	4326	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10917	4327	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10918	4380	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10919	4386	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10920	4390	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10921	4396	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10922	5165	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10923	5166	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10924	5167	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10925	5168	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10926	5178	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10927	5186	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10928	5201	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10929	5204	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10930	5937	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10931	5938	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10932	5939	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10933	5940	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10934	5941	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10935	5942	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10936	5943	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10937	5944	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10938	5945	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10939	5954	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10940	5955	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10941	5956	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10942	5957	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10943	6168	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10944	6169	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10945	6170	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10946	6171	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10947	6172	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10948	6173	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10949	6174	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10950	6175	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10951	6176	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10952	6177	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10953	6178	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10954	6179	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10955	6180	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10956	6181	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10957	6190	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10958	6191	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10959	6192	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10960	6193	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10961	6564	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10962	6576	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10963	6596	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10964	6597	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10965	6609	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10966	6613	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10967	6614	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10968	6994	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10969	6995	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10970	6997	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10971	6998	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10972	7005	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10973	7006	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10974	7007	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10975	7008	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10976	7009	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10977	7010	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10978	7011	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10979	7012	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10980	7184	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10981	7693	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10982	7708	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10983	7709	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10984	7727	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10985	7738	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10986	7747	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10987	7753	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10988	7754	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10989	7779	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.250	X
10990	11056	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
10991	11057	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
10992	11058	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
10993	11059	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
10994	11060	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
10995	11061	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
10996	11062	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
10997	11063	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
10998	11064	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
10999	11065	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
11000	11066	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
11001	11067	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
11002	11068	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
11003	11069	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
11004	11070	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
11005	11071	Beam	Angle	0.00	8	8	-	-	-	-	0.150	Z
11006	11072	Beam	Angle	0.00	2	2	-	-	-	-	0.460	Z
11007	11073	Beam	Angle	0.00	2	2	-	-	-	-	0.330	Z
11008	11074	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
11009	11075	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
11010	11076	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
11011	11077	Beam	Angle	0.00	8	8	-	-	-	-	0.150	Z
11012	11078	Beam	Angle	0.00	2	2	-	-	-	-	0.460	Z
11013	11079	Beam	Angle	0.00	2	2	-	-	-	-	0.330	Z
11014	11080	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
11015	11081	Beam	Angle	0.00	1	1	-	-	-	-	0.200	Z
11016	11082	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
11017	11083	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
11018	11084	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
11019	11085	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
11020	11086	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
11021	11087	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
11022	11088	Beam	Angle	0.00	3	3	1	1	-	-	1.700	XZ
11023	11089	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
11024	11090	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
11025	11091	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
11026	11092	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
11027	11093	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
11028	11094	Beam	Angle	0.00	4	4	1	1	-	-	1.152	Y
11029	11096	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
11030	11095	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
11031	11097	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
11032	11100	Beam	Angle	0.00	3	3	-	1	-	-	0.852	XZ
11033	11101	Beam	Angle	0.00	3	3	-	1	-	-	0.852	XZ
11034	11099	Beam	Angle	0.00	1	1	-	-	-	-	0.380	Z
11035	11098	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
11036	11102	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
11037	11103	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
11038	11104	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
11039	11105	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
11040	11106	Beam	Angle	90.00	6	6	-	-	10	-	0.200	Z
11041	11107	Beam	Angle	90.00	6	6	-	-	10	-	0.125	Z
11042	11108	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
11043	11109	Beam	Angle	90.00	6	6	-	-	10	-	0.500	Z
11044	11110	Beam	Angle	90.00	6	6	-	-	10	-	0.175	Z
11045	11111	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
11046	11112	Beam	Angle	90.00	6	6	-	-	10	-	0.385	Z
11047	11113	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
11048	11114	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
11049	11115	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
11050	11116	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
11051	11117	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
11052	11118	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
11053	11119	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
11054	11120	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
11055	11121	Beam	Angle	0.00	10	10	-	-	17	-	1.500	X
11056	11123	Beam	Angle	90.00	6	6	-	-	10	-	0.400	Z
11057	11122	Beam	Angle	90.00	6	6	-	-	10	-	0.315	Z
11058	11124	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
11059	11125	Beam	Angle	90.00	6	6	-	-	10	-	0.100	Z
11060	11126	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
11061	11127	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
11062	11128	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
11063	11129	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
11064	11130	Beam	Angle	0.00	6	6	-	-	2	-	0.391	Y
11065	11131	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
11066	11132	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
11067	11133	Beam	Angle	0.00	6	6	-	-	2	-	0.330	Y
11068	11134	Beam	Angle	0.00	6	6	-	-	2	-	0.330	Y
11069	11135	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
11070	11136	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
11071	11137	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
11072	11138	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
11073	11139	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
11074	11140	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
11075	11141	Beam	Angle	0.00	6	6	-	-	2	-	0.391	Y
11076	11142	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
11077	11143	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
11078	11144	Beam	Angle	0.00	6	6	-	-	2	-	0.330	Y
11079	11145	Beam	Angle	0.00	6	6	-	-	2	-	0.330	Y
11080	11146	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
11081	11147	Beam	Angle	0.00	7	7	-	-	16	-	1.500	X
11082	11148	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
11083	11149	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
11084	11150	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
11085	11151	Beam	Angle	0.00	6	6	-	-	2	-	0.400	Y
11086	11152	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
11087	11153	Beam	Angle	0.00	2	2	-	-	-	-	0.120	Z
11088	11154	Beam	Angle	0.00	1	1	-	-	-	-	0.380	Z
11089	11165	Beam	Angle	0.00	13	13	1	1	-	-	1.239	YZ
11090	11164	Beam	Angle	0.00	13	13	1	1	-	-	1.272	YZ
11091	3671	Beam	Angle	0.00	13	13	1	1	-	-	1.239	YZ
11092	9787	Beam	Angle	0.00	13	13	1	1	-	-	1.272	YZ
11093	7290	Beam	Angle	0.00	13	13	1	1	-	-	1.239	YZ
11094	11480	Beam	Angle	0.00	1	1	-	-	-	-	0.330	Z
11095	7298	Beam	Angle	0.00	13	13	1	1	-	-	1.239	YZ
11096	11178	Beam	Angle	0.00	13	13	1	1	-	-	1.272	YZ
11097	8025	Beam	Angle	0.00	13	13	1	1	-	-	1.239	YZ
11098	11170	Beam	Angle	0.00	13	13	1	1	-	-	1.272	YZ
11099	9052	Beam	Angle	0.00	13	13	1	1	-	-	1.239	YZ
11100	11172	Beam	Angle	0.00	13	13	1	1	-	-	1.272	YZ
11101	9310	Beam	Angle	0.00	13	13	1	1	-	-	1.239	YZ
11102	7292	Beam	Angle	0.00	13	13	1	1	-	-	1.272	YZ

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
11103	9846	Beam	Angle	0.00	13	13	1	1	-	-	1.239	YZ
11104	9771	Beam	Angle	0.00	13	13	1	1	-	-	1.272	YZ
11105	10006	Beam	Angle	0.00	13	13	1	1	-	-	1.239	YZ
11106	11166	Beam	Angle	0.00	13	13	1	1	-	-	1.130	YZ
11107	7297	Beam	Angle	0.00	13	13	1	1	-	-	1.272	YZ
11108	11504	Beam	Angle	0.00	1	1	-	-	-	-	0.550	Z
11109	11505	Beam	Angle	0.00	1	1	-	-	-	-	0.330	Z
11110	11160	Beam	Angle	0.00	13	13	1	1	-	-	1.239	YZ
11111	11180	Beam	Angle	0.00	1	1	-	-	-	-	0.330	Z
11112	11171	Beam	Angle	0.00	13	13	1	-	-	-	0.065	YZ
11113	11186	Beam	Angle	0.00	1	1	-	-	-	-	0.330	Z
11114	11173	Beam	Angle	0.00	13	13	1	1	-	-	1.239	YZ
11115	11174	Beam	Angle	0.00	13	13	1	1	-	-	1.130	YZ
11116	11507	Beam	Angle	0.00	1	1	-	-	-	-	0.550	Z
11117	11185	Beam	Angle	0.00	1	1	-	-	-	-	0.330	Z
11118	11183	Beam	Angle	0.00	1	1	-	-	-	-	0.330	Z
11119	11168	Beam	Angle	0.00	13	13	1	1	-	-	1.239	YZ
11120	11191	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
11121	11179	Beam	Angle	0.00	13	13	1	-	-	-	0.065	YZ
11122	11188	Beam	Angle	0.00	1	1	-	-	-	-	0.700	Z
11123	11181	Beam	Angle	0.00	13	13	1	1	-	-	1.239	YZ
11124	11182	Beam	Angle	0.00	13	13	1	1	-	-	1.130	YZ
11125	11506	Beam	Angle	0.00	1	1	-	-	-	-	0.330	Z
11126	11511	Beam	Angle	0.00	1	1	-	-	-	-	0.218	Z
11127	11512	Beam	Angle	0.00	1	1	-	-	-	-	0.098	Z
11128	11176	Beam	Angle	0.00	13	13	1	1	-	-	1.239	YZ
11129	11510	Beam	Angle	0.00	1	1	-	-	-	-	0.218	Z
11130	11187	Beam	Angle	0.00	13	13	1	-	-	-	0.065	YZ
11131	11525	Beam	Angle	0.00	1	1	-	-	-	-	0.098	Z
11132	11189	Beam	Angle	0.00	13	13	1	1	-	-	1.239	YZ
11133	11190	Beam	Angle	0.00	13	13	1	1	-	-	1.130	YZ
11134	11526	Beam	Angle	0.00	1	1	-	-	-	-	0.098	Z
11135	11527	Beam	Angle	0.00	1	1	-	-	-	-	0.218	Z
11136	11528	Beam	Angle	0.00	1	1	-	-	-	-	0.098	Z
11137	11184	Beam	Angle	0.00	13	13	1	1	-	-	1.239	YZ
11138	11243	Beam	Angle	0.00	1	1	-	-	-	-	0.095	Z
11139	11244	Beam	Angle	0.00	1	1	-	-	-	-	0.305	Z
11140	11245	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
11141	11247	Beam	Angle	0.00	1	1	-	-	-	-	0.145	Z
11142	11246	Beam	Angle	0.00	1	1	-	-	-	-	0.435	Z
11143	11220	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
11144	11219	Beam	Angle	0.00	1	1	-	-	-	-	0.145	Z
11145	11221	Beam	Angle	0.00	1	1	-	-	-	-	0.435	Z
11146	11222	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
11147	11223	Beam	Angle	0.00	1	1	-	-	-	-	0.145	Z
11148	11224	Beam	Angle	0.00	1	1	-	-	-	-	0.605	Z
11149	11225	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
11150	11226	Beam	Angle	0.00	1	1	-	-	-	-	0.145	Z
11151	11227	Beam	Angle	0.00	1	1	-	-	-	-	0.605	Z
11152	11229	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
11153	11228	Beam	Angle	0.00	1	1	-	-	-	-	0.145	Z
11154	6992	Beam	Angle	0.00	1	1	-	-	-	-	0.435	Z
11155	7020	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
11156	11192	Beam	Angle	0.00	1	1	-	-	-	-	0.095	Z
11157	7023	Beam	Angle	0.00	1	1	-	-	-	-	0.305	Z
11158	11230	Beam	Angle	0.00	1	1	-	-	-	-	0.024	Z
11159	11231	Beam	Angle	0.00	1	1	-	-	-	-	0.024	Z
11160	11232	Beam	Angle	0.00	1	1	-	-	-	-	0.020	Z
11161	11233	Beam	Angle	0.00	1	1	-	-	-	-	0.020	Z
11162	11234	Beam	Angle	0.00	1	1	-	-	-	-	0.022	Z
11163	11235	Beam	Angle	0.00	1	1	-	-	-	-	0.022	Z
11164	11236	Beam	Angle	0.00	1	1	-	-	-	-	0.079	Z
11165	11199	Beam	Angle	0.00	1	1	-	-	-	-	0.024	Z
11166	11200	Beam	Angle	0.00	1	1	-	-	-	-	0.020	Z
11167	11201	Beam	Angle	0.00	1	1	-	-	-	-	0.022	Z
11168	11202	Beam	Angle	0.00	1	1	-	-	-	-	0.024	Z
11169	11203	Beam	Angle	0.00	1	1	-	-	-	-	0.020	Z
11170	11204	Beam	Angle	0.00	1	1	-	-	-	-	0.022	Z
11171	11205	Beam	Angle	0.00	1	1	-	-	-	-	0.024	Z
11172	11193	Beam	Angle	0.00	1	1	-	-	-	-	0.020	Z
11173	11194	Beam	Angle	0.00	1	1	-	-	-	-	0.022	Z
11174	11195	Beam	Angle	0.00	1	1	-	-	-	-	0.079	Z
11175	11197	Beam	Angle	0.00	1	1	-	-	-	-	0.024	Z
11176	11196	Beam	Angle	0.00	1	1	-	-	-	-	0.020	Z
11177	11198	Beam	Angle	0.00	1	1	-	-	-	-	0.022	Z
11178	11214	Beam	Angle	0.00	1	1	-	-	-	-	0.024	Z
11179	11213	Beam	Angle	0.00	1	1	-	-	-	-	0.020	Z
11180	11215	Beam	Angle	0.00	1	1	-	-	-	-	0.022	Z
11181	11216	Beam	Angle	0.00	1	1	-	-	-	-	0.024	Z
11182	11217	Beam	Angle	0.00	1	1	-	-	-	-	0.020	Z
11183	11218	Beam	Angle	0.00	1	1	-	-	-	-	0.022	Z
11184	11207	Beam	Angle	0.00	1	1	-	-	-	-	0.079	Z
11185	11209	Beam	Angle	0.00	1	1	-	-	-	-	0.024	Z
11186	11208	Beam	Angle	0.00	1	1	-	-	-	-	0.020	Z
11187	11210	Beam	Angle	0.00	1	1	-	-	-	-	0.022	Z
11188	11212	Beam	Angle	0.00	1	1	-	-	-	-	0.079	Z
11189	11211	Beam	Angle	0.00	1	1	-	-	-	-	0.024	Z
11190	11248	Beam	Angle	0.00	1	1	-	-	-	-	0.020	Z
11191	11249	Beam	Angle	0.00	1	1	-	-	-	-	0.022	Z
11192	11250	Beam	Angle	0.00	1	1	-	-	-	-	0.024	Z
11193	11253	Beam	Angle	0.00	1	1	-	-	-	-	0.020	Z
11194	11251	Beam	Angle	0.00	1	1	-	-	-	-	0.022	Z
11195	11252	Beam	Angle	0.00	1	1	-	-	-	-	0.079	Z
11196	11254	Beam	Angle	0.00	1	1	-	-	-	-	0.079	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
11197	11255	Beam	Angle	0.00	1	1	-	-	-	-	0.079	Z
11198	11256	Beam	Angle	0.00	1	1	-	-	-	-	0.079	Z
11199	11257	Beam	Angle	0.00	1	1	-	-	-	-	0.079	Z
11200	11258	Beam	Angle	0.00	1	1	-	-	-	-	0.079	Z
11201	11206	Beam	Angle	0.00	1	1	-	-	-	-	0.079	Z
11202	11267	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
11203	11268	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
11204	11269	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
11205	11270	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
11206	11271	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
11207	11272	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
11208	11273	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
11209	11274	Beam	Angle	0.00	4	4	1	1	-	-	1.500	X
11210	11275	Beam	Angle	0.00	4	4	1	1	-	-	0.958	X
11211	11276	Beam	Angle	0.00	4	4	1	1	-	-	0.958	X
11212	11277	Beam	Angle	0.00	4	4	1	1	-	-	0.958	X
11213	11278	Beam	Angle	0.00	4	4	1	1	-	-	0.958	X
11214	11279	Beam	Angle	0.00	4	4	1	1	-	-	0.958	X
11215	11280	Beam	Angle	0.00	4	4	1	1	-	-	0.958	X
11216	11281	Beam	Angle	0.00	4	4	1	1	-	-	0.958	X
11217	11282	Beam	Angle	0.00	4	4	1	1	-	-	0.958	X
11218	11283	Beam	Angle	0.00	11	11	-	-	-	-	1.152	Y
11219	11284	Beam	Angle	0.00	11	11	-	-	-	-	1.152	Y
11220	11285	Beam	Angle	0.00	11	11	-	-	-	-	1.051	Y
11221	11286	Beam	Angle	0.00	11	11	-	-	-	-	1.152	Y
11222	11287	Beam	Angle	0.00	11	11	-	-	-	-	1.152	Y
11223	11288	Beam	Angle	0.00	11	11	-	-	-	-	1.051	Y
11224	11289	Beam	Angle	0.00	11	11	-	-	-	-	1.152	Y
11225	11290	Beam	Angle	0.00	11	11	-	-	-	-	1.152	Y
11226	11291	Beam	Angle	0.00	11	11	-	-	-	-	1.051	Y
11227	11292	Beam	Angle	0.00	11	11	-	-	-	-	1.152	Y
11228	11293	Beam	Angle	0.00	11	11	-	-	-	-	1.152	Y
11229	11294	Beam	Angle	0.00	11	11	-	-	-	-	1.051	Y
11230	11295	Beam	Angle	0.00	11	11	-	-	-	-	1.152	Y
11231	11296	Beam	Angle	0.00	11	11	-	-	-	-	1.152	Y
11232	11297	Beam	Angle	0.00	11	11	-	-	-	-	1.051	Y
11233	11298	Beam	Angle	0.00	11	11	-	-	-	-	1.541	YZ
11234	11299	Beam	Angle	0.00	11	11	-	-	-	-	1.541	YZ
11235	11300	Beam	Angle	0.00	11	11	-	-	-	-	1.541	YZ
11236	11301	Beam	Angle	0.00	11	11	-	-	-	-	1.541	YZ
11237	3762	Beam	Angle	0.00	13	13	1	1	-	-	1.256	YZ
11238	3763	Beam	Angle	0.00	13	13	1	1	-	-	1.256	YZ
11239	3770	Beam	Angle	0.00	13	13	1	1	-	-	1.364	YZ
11240	3771	Beam	Angle	0.00	13	13	1	1	-	-	1.364	YZ
11241	4988	Beam	Angle	0.00	13	13	1	1	-	-	1.256	YZ
11242	4989	Beam	Angle	0.00	13	13	1	1	-	-	1.256	YZ
11243	4990	Beam	Angle	0.00	13	13	1	1	-	-	1.364	YZ
11244	4991	Beam	Angle	0.00	13	13	1	1	-	-	1.364	YZ
11245	4992	Beam	Angle	0.00	13	13	1	1	-	-	1.256	YZ
11246	4993	Beam	Angle	0.00	13	13	1	1	-	-	1.256	YZ
11247	4994	Beam	Angle	0.00	13	13	1	1	-	-	1.364	YZ
11248	4995	Beam	Angle	0.00	13	13	1	1	-	-	1.364	YZ
11249	4996	Beam	Angle	0.00	13	13	1	1	-	-	1.256	YZ
11250	4997	Beam	Angle	0.00	13	13	1	1	-	-	1.256	YZ
11251	4998	Beam	Angle	0.00	13	13	1	1	-	-	1.364	YZ
11252	4999	Beam	Angle	0.00	13	13	1	1	-	-	1.364	YZ
11253	5000	Beam	Angle	0.00	13	13	1	1	-	-	1.256	YZ
11254	5001	Beam	Angle	0.00	13	13	1	1	-	-	1.256	YZ
11255	5002	Beam	Angle	0.00	13	13	1	1	-	-	1.364	YZ
11256	5003	Beam	Angle	0.00	13	13	1	1	-	-	1.364	YZ
11257	5004	Beam	Angle	0.00	13	13	1	1	-	-	3.659	YZ
11258	5005	Beam	Angle	0.00	13	13	1	1	-	-	3.659	YZ
11259	5006	Beam	Angle	0.00	13	13	1	1	-	-	3.971	YZ
11260	5007	Beam	Angle	0.00	13	13	1	1	-	-	3.971	YZ
11261	5008	Beam	Angle	0.00	13	13	1	1	-	-	3.659	YZ
11262	5009	Beam	Angle	0.00	13	13	1	1	-	-	3.659	YZ
11263	5010	Beam	Angle	0.00	13	13	1	1	-	-	3.971	YZ
11264	5011	Beam	Angle	0.00	13	13	1	1	-	-	3.971	YZ
11265	7276	Beam	Angle	0.00	13	13	1	1	-	-	3.659	YZ
11266	7288	Beam	Angle	0.00	13	13	1	1	-	-	3.659	YZ
11267	7385	Beam	Angle	0.00	13	13	1	1	-	-	3.971	YZ
11268	7386	Beam	Angle	0.00	13	13	1	1	-	-	3.971	YZ
11269	7388	Beam	Angle	0.00	13	13	1	1	-	-	3.659	YZ
11270	7389	Beam	Angle	0.00	13	13	1	1	-	-	3.659	YZ
11271	7390	Beam	Angle	0.00	13	13	1	1	-	-	3.971	YZ
11272	7391	Beam	Angle	0.00	13	13	1	1	-	-	3.971	YZ
11273	7392	Beam	Angle	0.00	13	13	1	1	-	-	3.659	YZ
11274	7393	Beam	Angle	0.00	13	13	1	1	-	-	3.659	YZ
11275	7394	Beam	Angle	0.00	13	13	1	1	-	-	3.971	YZ
11276	7395	Beam	Angle	0.00	13	13	1	1	-	-	3.971	YZ
11277	7397	Beam	Angle	0.00	13	13	1	1	-	-	3.659	YZ
11278	7398	Beam	Angle	0.00	13	13	1	1	-	-	3.659	YZ
11279	7399	Beam	Angle	0.00	13	13	1	1	-	-	3.971	YZ
11280	7400	Beam	Angle	0.00	13	13	1	1	-	-	3.971	YZ
11281	11302	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
11282	11303	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
11283	11304	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
11284	11305	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
11285	11306	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
11286	11307	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
11287	11308	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
11288	11309	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
11289	11310	Rigid Member	Angle	0.00	0	0	-	-	-	-	0.060	Y
11290	4975	Beam	Angle	0.00	13	13	1	1	-	-	0.952	Y

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
11291	4976	Beam	Angle	0.00	13	13	1	1	-	-	1.737	YZ
11292	4977	Beam	Angle	0.00	13	13	1	1	-	-	4.026	YZ
11293	4980	Beam	Angle	0.00	13	13	1	1	-	-	0.952	Y
11294	4982	Beam	Angle	0.00	13	13	1	1	-	-	2.222	YZ
11295	4983	Beam	Angle	0.00	13	13	1	1	-	-	2.472	YZ
11296	4984	Beam	Angle	0.00	13	13	1	1	-	-	0.952	Y
11297	4985	Beam	Angle	0.00	13	13	1	1	-	-	1.737	YZ
11298	4986	Beam	Angle	0.00	13	13	1	1	-	-	4.026	YZ
11299	4987	Beam	Angle	0.00	13	13	1	1	-	-	0.952	Y
11300	7401	Beam	Angle	0.00	13	13	1	1	-	-	2.222	YZ
11301	7402	Beam	Angle	0.00	13	13	1	1	-	-	2.472	YZ
11302	7403	Beam	Angle	0.00	13	13	1	1	-	-	0.952	Y
11303	7404	Beam	Angle	0.00	13	13	1	1	-	-	1.737	YZ
11304	7406	Beam	Angle	0.00	13	13	1	1	-	-	4.026	YZ
11305	7407	Beam	Angle	0.00	13	13	1	1	-	-	0.952	Y
11306	7408	Beam	Angle	0.00	13	13	1	1	-	-	2.222	YZ
11307	7409	Beam	Angle	0.00	13	13	1	1	-	-	2.472	YZ
11308	7410	Beam	Angle	0.00	13	13	1	1	-	-	0.952	Y
11309	7411	Beam	Angle	0.00	13	13	1	1	-	-	1.737	YZ
11310	7412	Beam	Angle	0.00	13	13	1	1	-	-	4.026	YZ
11311	7413	Beam	Angle	0.00	13	13	1	1	-	-	0.952	Y
11312	7417	Beam	Angle	0.00	13	13	1	1	-	-	2.222	YZ
11313	7419	Beam	Angle	0.00	13	13	1	1	-	-	2.472	YZ
11314	7422	Beam	Angle	0.00	13	13	1	1	-	-	0.952	Y
11315	7426	Beam	Angle	0.00	13	13	1	1	-	-	1.737	YZ
11316	7428	Beam	Angle	0.00	13	13	1	1	-	-	4.026	YZ
11317	7431	Beam	Angle	0.00	13	13	1	1	-	-	0.952	Y
11318	7434	Beam	Angle	0.00	13	13	1	1	-	-	2.222	YZ
11319	7438	Beam	Angle	0.00	13	13	1	1	-	-	2.472	YZ
11320	7443	Beam	Angle	0.00	13	13	1	1	-	-	0.952	Y
11321	7445	Beam	Angle	0.00	13	13	1	1	-	-	1.737	YZ
11322	7446	Beam	Angle	0.00	13	13	1	1	-	-	4.026	YZ
11323	7447	Beam	Angle	0.00	13	13	1	1	-	-	0.952	Y
11324	7448	Beam	Angle	0.00	13	13	1	1	-	-	2.222	YZ
11325	7449	Beam	Angle	0.00	13	13	1	1	-	-	2.472	YZ
11326	7450	Beam	Angle	0.00	13	13	1	1	-	-	0.952	Y
11327	7451	Beam	Angle	0.00	13	13	1	1	-	-	1.737	YZ
11328	7453	Beam	Angle	0.00	13	13	1	1	-	-	4.026	YZ
11329	7454	Beam	Angle	0.00	13	13	1	1	-	-	0.952	Y
11330	7465	Beam	Angle	0.00	13	13	1	1	-	-	2.222	YZ
11331	7466	Beam	Angle	0.00	13	13	1	1	-	-	2.472	YZ
11332	7467	Beam	Angle	0.00	13	13	1	1	-	-	0.952	Y
11333	7468	Beam	Angle	0.00	13	13	1	1	-	-	1.737	YZ
11334	7469	Beam	Angle	0.00	13	13	1	1	-	-	4.026	YZ
11335	7470	Beam	Angle	0.00	13	13	1	1	-	-	0.952	Y
11336	7492	Beam	Angle	0.00	13	13	1	1	-	-	1.860	YZ
11337	7493	Beam	Angle	0.00	13	13	1	1	-	-	2.472	YZ
11338	7494	Beam	Angle	0.00	13	13	1	1	-	-	0.952	Y
11339	7496	Beam	Angle	0.00	13	13	1	1	-	-	1.737	YZ
11340	7497	Beam	Angle	0.00	13	13	1	1	-	-	0.952	Y
11341	7498	Beam	Angle	0.00	13	13	1	1	-	-	1.481	YZ
11342	11402	Beam	Angle	0.00	1	1	-	-	-	-	0.145	Z
11343	11398	Beam	Angle	0.00	1	1	-	-	-	-	0.145	Z
11344	11403	Beam	Angle	0.00	13	13	1	1	-	-	1.244	YZ
11345	11396	Beam	Angle	0.00	13	13	1	1	-	-	1.244	YZ
11346	11394	Beam	Angle	0.00	13	13	1	1	-	-	1.244	YZ
11347	11397	Beam	Angle	0.00	13	13	1	1	-	-	1.244	YZ
11348	11395	Beam	Angle	0.00	13	13	1	1	-	-	1.244	YZ
11349	11404	Beam	Angle	0.00	1	1	-	-	-	-	0.255	Z
11350	11405	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
11351	11406	Beam	Angle	0.00	1	1	-	-	-	-	0.255	Z
11352	11407	Beam	Angle	0.00	1	1	-	-	-	-	0.145	Z
11353	11408	Beam	Angle	0.00	1	1	-	-	-	-	0.145	Z
11354	11410	Beam	Angle	0.00	1	1	-	-	-	-	0.145	Z
11355	11409	Beam	Angle	0.00	1	1	-	-	-	-	0.145	Z
11356	11416	Beam	Angle	0.00	1	1	-	-	-	-	0.145	Z
11357	11415	Beam	Angle	0.00	13	13	1	1	-	-	1.364	YZ
11358	11414	Beam	Angle	0.00	13	13	1	1	-	-	1.364	YZ
11359	11411	Beam	Angle	0.00	13	13	1	1	-	-	1.364	YZ
11360	11412	Beam	Angle	0.00	13	13	1	1	-	-	1.364	YZ
11361	11413	Beam	Angle	0.00	13	13	1	1	-	-	1.364	YZ
11362	11417	Beam	Angle	0.00	1	1	-	-	-	-	0.255	Z
11363	11418	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
11364	11419	Beam	Angle	0.00	1	1	-	-	-	-	0.255	Z
11365	11426	Beam	Angle	0.00	1	1	-	-	-	-	0.180	Z
11366	11427	Beam	Angle	0.00	1	1	-	-	-	-	0.180	Z
11367	11428	Beam	Angle	0.00	1	1	-	-	-	-	0.180	Z
11368	11429	Beam	Angle	0.00	1	1	-	-	-	-	0.180	Z
11369	11425	Beam	Angle	0.00	1	1	-	-	-	-	0.180	Z
11370	11420	Beam	Angle	0.00	13	13	1	1	-	-	1.364	YZ
11371	11423	Beam	Angle	0.00	13	13	1	1	-	-	1.364	YZ
11372	11421	Beam	Angle	0.00	13	13	1	1	-	-	1.364	YZ
11373	11424	Beam	Angle	0.00	13	13	1	1	-	-	1.364	YZ
11374	11422	Beam	Angle	0.00	13	13	1	1	-	-	1.364	YZ
11375	11430	Beam	Angle	0.00	1	1	-	-	-	-	0.120	Z
11376	11431	Beam	Angle	0.00	1	1	-	-	-	-	0.120	Z
11377	11432	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
11378	11440	Beam	Angle	0.00	1	1	-	-	-	-	0.291	Z
11379	11439	Beam	Angle	0.00	1	1	-	-	-	-	0.291	Z
11380	11441	Beam	Angle	0.00	1	1	-	-	-	-	0.291	Z
11381	11442	Beam	Angle	0.00	1	1	-	-	-	-	0.009	Z
11382	11443	Beam	Angle	0.00	1	1	-	-	-	-	0.291	Z
11383	11437	Beam	Angle	0.00	1	1	-	-	-	-	0.009	Z
11384	11438	Beam	Angle	0.00	1	1	-	-	-	-	0.291	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
11385	11444	Beam	Angle	0.00	13	13	1	1	-	-	1.146	YZ
11386	11433	Beam	Angle	0.00	13	13	1	1	-	-	1.146	YZ
11387	11434	Beam	Angle	0.00	13	13	1	1	-	-	1.146	YZ
11388	11435	Beam	Angle	0.00	13	13	1	1	-	-	1.146	YZ
11389	11436	Beam	Angle	0.00	13	13	1	1	-	-	1.146	YZ
11390	11445	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
11391	11452	Beam	Angle	0.00	1	1	-	-	-	-	0.291	Z
11392	11453	Beam	Angle	0.00	1	1	-	-	-	-	0.291	Z
11393	11454	Beam	Angle	0.00	1	1	-	-	-	-	0.291	Z
11394	11455	Beam	Angle	0.00	1	1	-	-	-	-	0.009	Z
11395	11456	Beam	Angle	0.00	1	1	-	-	-	-	0.291	Z
11396	11450	Beam	Angle	0.00	1	1	-	-	-	-	0.009	Z
11397	11451	Beam	Angle	0.00	1	1	-	-	-	-	0.291	Z
11398	11457	Beam	Angle	0.00	13	13	1	1	-	-	1.256	YZ
11399	11446	Beam	Angle	0.00	13	13	1	1	-	-	1.256	YZ
11400	11447	Beam	Angle	0.00	13	13	1	1	-	-	1.256	YZ
11401	11448	Beam	Angle	0.00	13	13	1	1	-	-	1.256	YZ
11402	11449	Beam	Angle	0.00	13	13	1	1	-	-	1.256	YZ
11403	11458	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
11404	11465	Beam	Angle	0.00	1	1	-	-	-	-	0.457	Z
11405	11466	Beam	Angle	0.00	1	1	-	-	-	-	0.457	Z
11406	11467	Beam	Angle	0.00	1	1	-	-	-	-	0.457	Z
11407	11468	Beam	Angle	0.00	1	1	-	-	-	-	0.449	Z
11408	11464	Beam	Angle	0.00	1	1	-	-	-	-	0.449	Z
11409	11460	Beam	Angle	0.00	13	13	1	1	-	-	1.256	YZ
11410	11461	Beam	Angle	0.00	13	13	1	1	-	-	1.256	YZ
11411	11462	Beam	Angle	0.00	13	13	1	1	-	-	1.256	YZ
11412	11463	Beam	Angle	0.00	13	13	1	1	-	-	1.256	YZ
11413	11459	Beam	Angle	0.00	13	13	1	1	-	-	1.256	YZ
11414	11475	Beam	Angle	0.00	1	1	-	-	-	-	0.457	Z
11415	11474	Beam	Angle	0.00	1	1	-	-	-	-	0.457	Z
11416	11476	Beam	Angle	0.00	1	1	-	-	-	-	0.457	Z
11417	11477	Beam	Angle	0.00	1	1	-	-	-	-	0.449	Z
11418	11473	Beam	Angle	0.00	1	1	-	-	-	-	0.449	Z
11419	11478	Beam	Angle	0.00	13	13	1	1	-	-	1.146	YZ
11420	11469	Beam	Angle	0.00	13	13	1	1	-	-	1.146	YZ
11421	11470	Beam	Angle	0.00	13	13	1	1	-	-	1.146	YZ
11422	11471	Beam	Angle	0.00	13	13	1	1	-	-	1.146	YZ
11423	11472	Beam	Angle	0.00	13	13	1	1	-	-	1.146	YZ
11424	7299	Beam	Angle	0.00	13	13	1	-	-	-	0.066	YZ
11425	11479	Beam	Angle	0.00	13	13	1	1	-	-	1.338	YZ
11426	11481	Beam	Angle	0.00	13	13	1	1	-	-	1.242	YZ
11427	7300	Beam	Angle	0.00	13	13	1	-	-	-	0.066	YZ
11428	11482	Beam	Angle	0.00	13	13	1	1	-	-	1.338	YZ
11429	11483	Beam	Angle	0.00	13	13	1	1	-	-	1.242	YZ
11430	7909	Beam	Angle	0.00	13	13	1	-	-	-	0.066	YZ
11431	11484	Beam	Angle	0.00	13	13	1	1	-	-	1.338	YZ
11432	11485	Beam	Angle	0.00	13	13	1	1	-	-	1.242	YZ
11433	8064	Beam	Angle	0.00	13	13	1	-	-	-	0.066	YZ
11434	11486	Beam	Angle	0.00	13	13	1	1	-	-	1.338	YZ
11435	11487	Beam	Angle	0.00	13	13	1	1	-	-	1.242	YZ
11436	8390	Beam	Angle	0.00	13	13	1	-	-	-	0.066	YZ
11437	11488	Beam	Angle	0.00	13	13	1	1	-	-	1.338	YZ
11438	11489	Beam	Angle	0.00	13	13	1	1	-	-	1.242	YZ
11439	8964	Beam	Angle	0.00	13	13	1	-	-	-	0.066	YZ
11440	11490	Beam	Angle	0.00	13	13	1	1	-	-	1.338	YZ
11441	11491	Beam	Angle	0.00	13	13	1	1	-	-	1.242	YZ
11442	9024	Beam	Angle	0.00	13	13	1	-	-	-	0.066	YZ
11443	11492	Beam	Angle	0.00	13	13	1	1	-	-	1.338	YZ
11444	11493	Beam	Angle	0.00	13	13	1	1	-	-	1.242	YZ
11445	9075	Beam	Angle	0.00	13	13	1	-	-	-	0.066	YZ
11446	11494	Beam	Angle	0.00	13	13	1	1	-	-	1.338	YZ
11447	11495	Beam	Angle	0.00	13	13	1	1	-	-	1.242	YZ
11448	9096	Beam	Angle	0.00	13	13	1	-	-	-	0.066	YZ
11449	11496	Beam	Angle	0.00	13	13	1	1	-	-	1.338	YZ
11450	11497	Beam	Angle	0.00	13	13	1	1	-	-	1.242	YZ
11451	9203	Beam	Angle	0.00	13	13	1	-	-	-	0.066	YZ
11452	11498	Beam	Angle	0.00	13	13	1	1	-	-	1.338	YZ
11453	11499	Beam	Angle	0.00	13	13	1	1	-	-	1.242	YZ
11454	9296	Beam	Angle	0.00	13	13	1	-	-	-	0.066	YZ
11455	11500	Beam	Angle	0.00	13	13	1	1	-	-	1.338	YZ
11456	11501	Beam	Angle	0.00	13	13	1	1	-	-	1.242	YZ
11457	9331	Beam	Angle	0.00	13	13	1	-	-	-	0.066	YZ
11458	11502	Beam	Angle	0.00	13	13	1	1	-	-	1.338	YZ
11459	11503	Beam	Angle	0.00	13	13	1	1	-	-	1.242	YZ
11460	11529	Beam	Angle	0.00	1	1	-	-	-	-	0.098	Z
11461	11530	Beam	Angle	0.00	1	1	-	-	-	-	0.468	Z
11462	11531	Beam	Angle	0.00	1	1	-	-	-	-	0.468	Z
11463	11508	Beam	Angle	0.00	1	1	-	-	-	-	0.098	Z
11464	11509	Beam	Angle	0.00	1	1	-	-	-	-	0.468	Z
11465	11516	Beam	Angle	0.00	13	13	1	1	-	-	1.161	YZ
11466	11521	Beam	Angle	0.00	13	13	1	1	-	-	1.161	YZ
11467	11513	Beam	Angle	0.00	13	13	1	1	-	-	1.161	YZ
11468	11517	Beam	Angle	0.00	13	13	1	1	-	-	1.161	YZ
11469	11520	Beam	Angle	0.00	13	13	1	1	-	-	1.161	YZ
11470	11514	Beam	Angle	0.00	13	13	1	1	-	-	1.161	YZ
11471	11524	Beam	Angle	0.00	13	13	1	1	-	-	1.161	YZ
11472	11522	Beam	Angle	0.00	13	13	1	1	-	-	1.161	YZ
11473	11523	Beam	Angle	0.00	13	13	1	1	-	-	1.161	YZ
11474	11515	Beam	Angle	0.00	13	13	1	1	-	-	1.161	YZ
11475	11518	Beam	Angle	0.00	13	13	1	1	-	-	1.161	YZ
11476	11519	Beam	Angle	0.00	13	13	1	1	-	-	1.161	YZ
11477	11539	Beam	Angle	0.00	4	4	-	1	-	-	1.128	Y
11478	11541	Beam	Angle	0.00	4	4	-	1	-	-	1.128	Y

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
11479	11540	Beam	Angle	0.00	1	1	-	-	-	-	0.012	Z
11480	11542	Beam	Angle	0.00	1	1	-	-	-	-	0.012	Z
11481	11538	Beam	Angle	0.00	1	1	-	-	-	-	0.012	Z
11482	11546	Beam	Angle	0.00	4	4	-	1	-	-	1.128	Y
11483	11547	Beam	Angle	0.00	1	1	-	-	-	-	0.012	Z
11484	11548	Beam	Angle	0.00	4	4	-	1	-	-	1.128	Y
11485	11549	Beam	Angle	0.00	1	1	-	-	-	-	0.012	Z
11486	11550	Beam	Angle	0.00	4	4	-	1	-	-	1.128	Y
11487	11551	Beam	Angle	0.00	1	1	-	-	-	-	0.012	Z
11488	11558	Beam	Angle	0.00	4	4	-	1	-	-	1.128	Y
11489	11559	Beam	Angle	0.00	1	1	-	-	-	-	0.012	Z
11490	11561	Beam	Angle	0.00	4	4	-	1	-	-	1.128	Y
11491	11560	Beam	Angle	0.00	1	1	-	-	-	-	0.012	Z
11492	11562	Beam	Angle	0.00	4	4	-	1	-	-	1.128	Y
11493	11563	Beam	Angle	0.00	1	1	-	-	-	-	0.012	Z
11494	11564	Beam	Angle	0.00	4	4	-	1	-	-	1.128	Y
11495	11565	Beam	Angle	0.00	1	1	-	-	-	-	0.012	Z
11496	11532	Beam	Angle	0.00	4	4	-	1	-	-	1.128	Y
11497	11533	Beam	Angle	0.00	1	1	-	-	-	-	0.012	Z
11498	11535	Beam	Angle	0.00	4	4	-	1	-	-	1.128	Y
11499	11534	Beam	Angle	0.00	1	1	-	-	-	-	0.012	Z
11500	11556	Beam	Angle	180.00	6	6	-	-	14	-	0.300	Z
11501	11554	Beam	Angle	0.00	13	13	1	1	-	-	1.161	YZ
11502	11566	Beam	Angle	0.00	13	13	1	1	-	-	1.161	YZ
11503	11567	Beam	Angle	0.00	13	13	1	1	-	-	1.161	YZ
11504	11553	Beam	Angle	0.00	13	13	1	1	-	-	1.161	YZ
11505	11544	Beam	Angle	0.00	13	13	1	1	-	-	1.161	YZ
11506	11537	Beam	Angle	0.00	13	13	1	1	-	-	1.161	YZ
11507	11545	Beam	Angle	0.00	13	13	1	1	-	-	1.161	YZ
11508	11536	Beam	Angle	0.00	13	13	1	1	-	-	1.161	YZ
11509	11552	Beam	Angle	0.00	13	13	1	1	-	-	1.161	YZ
11510	11555	Beam	Angle	0.00	13	13	1	1	-	-	1.161	YZ
11511	11557	Beam	Angle	0.00	13	13	1	1	-	-	1.161	YZ
11512	11543	Beam	Angle	0.00	13	13	1	1	-	-	1.161	YZ
11513	11568	Beam	Angle	180.00	6	6	-	-	14	-	0.300	Z
11514	11592	Beam	Angle	0.00	1	1	-	-	-	-	0.190	Z
11515	11590	Beam	Angle	0.00	1	1	-	-	-	-	0.070	Z
11516	11591	Beam	Angle	0.00	1	1	-	-	-	-	0.190	Z
11517	11588	Beam	Angle	0.00	1	1	-	-	-	-	0.070	Z
11518	11589	Beam	Angle	0.00	1	1	-	-	-	-	0.070	Z
11519	11587	Beam	Angle	0.00	1	1	-	-	-	-	0.190	Z
11520	11569	Beam	Angle	0.00	1	1	-	-	-	-	0.070	Z
11521	11570	Beam	Angle	0.00	1	1	-	-	-	-	0.070	Z
11522	11571	Beam	Angle	0.00	1	1	-	-	-	-	0.440	Z
11523	11572	Beam	Angle	0.00	1	1	-	-	-	-	0.440	Z
11524	11585	Beam	Angle	0.00	1	1	-	-	-	-	0.070	Z
11525	11586	Beam	Angle	0.00	1	1	-	-	-	-	0.440	Z
11526	11577	Beam	Angle	0.00	13	13	1	1	-	-	1.272	YZ
11527	11574	Beam	Angle	0.00	13	13	1	1	-	-	1.272	YZ
11528	11573	Beam	Angle	0.00	13	13	1	1	-	-	1.272	YZ
11529	11579	Beam	Angle	0.00	13	13	1	1	-	-	1.272	YZ
11530	11582	Beam	Angle	0.00	13	13	1	1	-	-	1.272	YZ
11531	11581	Beam	Angle	0.00	13	13	1	1	-	-	1.272	YZ
11532	11576	Beam	Angle	0.00	13	13	1	1	-	-	1.272	YZ
11533	11578	Beam	Angle	0.00	13	13	1	1	-	-	1.272	YZ
11534	11580	Beam	Angle	0.00	13	13	1	1	-	-	1.272	YZ
11535	11583	Beam	Angle	0.00	13	13	1	1	-	-	1.272	YZ
11536	11584	Beam	Angle	0.00	13	13	1	1	-	-	1.272	YZ
11537	11575	Beam	Angle	0.00	13	13	1	1	-	-	1.272	YZ
11538	11616	Beam	Angle	0.00	1	1	-	-	-	-	0.060	Z
11539	11615	Beam	Angle	0.00	1	1	-	-	-	-	0.060	Z
11540	11614	Beam	Angle	0.00	1	1	-	-	-	-	0.060	Z
11541	11612	Beam	Angle	0.00	1	1	-	-	-	-	0.060	Z
11542	11613	Beam	Angle	0.00	1	1	-	-	-	-	0.060	Z
11543	11611	Beam	Angle	0.00	1	1	-	-	-	-	0.060	Z
11544	11593	Beam	Angle	0.00	1	1	-	-	-	-	0.060	Z
11545	11594	Beam	Angle	0.00	1	1	-	-	-	-	0.060	Z
11546	11595	Beam	Angle	0.00	1	1	-	-	-	-	0.060	Z
11547	11596	Beam	Angle	0.00	1	1	-	-	-	-	0.060	Z
11548	11609	Beam	Angle	0.00	1	1	-	-	-	-	0.060	Z
11549	11610	Beam	Angle	0.00	1	1	-	-	-	-	0.060	Z
11550	11601	Beam	Angle	0.00	13	13	1	1	-	-	1.272	YZ
11551	11606	Beam	Angle	0.00	13	13	1	1	-	-	1.272	YZ
11552	11598	Beam	Angle	0.00	13	13	1	1	-	-	1.272	YZ
11553	11604	Beam	Angle	0.00	13	13	1	1	-	-	1.272	YZ
11554	11602	Beam	Angle	0.00	13	13	1	1	-	-	1.272	YZ
11555	11597	Beam	Angle	0.00	13	13	1	1	-	-	1.272	YZ
11556	11607	Beam	Angle	0.00	13	13	1	1	-	-	1.272	YZ
11557	11600	Beam	Angle	0.00	13	13	1	1	-	-	1.272	YZ
11558	11603	Beam	Angle	0.00	13	13	1	1	-	-	1.272	YZ
11559	11608	Beam	Angle	0.00	13	13	1	1	-	-	1.272	YZ
11560	11605	Beam	Angle	0.00	13	13	1	1	-	-	1.272	YZ
11561	11599	Beam	Angle	0.00	13	13	1	1	-	-	1.272	YZ
11562	11624	Beam	Angle	0.00	1	1	-	-	-	-	0.064	Z
11563	11625	Beam	Angle	0.00	1	1	-	-	-	-	0.064	Z
11564	11640	Beam	Angle	0.00	1	1	-	-	-	-	0.064	Z
11565	11622	Beam	Angle	0.00	1	1	-	-	-	-	0.064	Z
11566	11623	Beam	Angle	0.00	1	1	-	-	-	-	0.064	Z
11567	11620	Beam	Angle	0.00	1	1	-	-	-	-	0.064	Z
11568	11621	Beam	Angle	0.00	1	1	-	-	-	-	0.064	Z
11569	11617	Beam	Angle	0.00	1	1	-	-	-	-	0.064	Z
11570	11618	Beam	Angle	0.00	1	1	-	-	-	-	0.064	Z
11571	11619	Beam	Angle	0.00	1	1	-	-	-	-	0.064	Z
11572	11638	Beam	Angle	0.00	1	1	-	-	-	-	0.064	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
11573	11639	Beam	Angle	0.00	1	1	-	-	-	-	0.064	Z
11574	11626	Beam	Angle	0.00	13	13	1	1	-	-	1.133	YZ
11575	11627	Beam	Angle	0.00	13	13	1	1	-	-	1.133	YZ
11576	11628	Beam	Angle	0.00	13	13	1	1	-	-	1.133	YZ
11577	11634	Beam	Angle	0.00	13	13	1	1	-	-	1.133	YZ
11578	11632	Beam	Angle	0.00	13	13	1	1	-	-	1.133	YZ
11579	11631	Beam	Angle	0.00	13	13	1	1	-	-	1.133	YZ
11580	11637	Beam	Angle	0.00	13	13	1	1	-	-	1.133	YZ
11581	11629	Beam	Angle	0.00	13	13	1	1	-	-	1.133	YZ
11582	11636	Beam	Angle	0.00	13	13	1	1	-	-	1.133	YZ
11583	11630	Beam	Angle	0.00	13	13	1	1	-	-	1.133	YZ
11584	11633	Beam	Angle	0.00	13	13	1	1	-	-	1.133	YZ
11585	11635	Beam	Angle	0.00	13	13	1	1	-	-	1.133	YZ
11586	11659	Beam	Angle	0.00	1	1	-	-	-	-	0.136	Z
11587	11660	Beam	Angle	0.00	1	1	-	-	-	-	0.136	Z
11588	11657	Beam	Angle	0.00	1	1	-	-	-	-	0.086	Z
11589	11658	Beam	Angle	0.00	1	1	-	-	-	-	0.136	Z
11590	11642	Beam	Angle	0.00	1	1	-	-	-	-	0.086	Z
11591	11643	Beam	Angle	0.00	1	1	-	-	-	-	0.086	Z
11592	11641	Beam	Angle	0.00	1	1	-	-	-	-	0.136	Z
11593	11661	Beam	Angle	0.00	1	1	-	-	-	-	0.136	Z
11594	11662	Beam	Angle	0.00	1	1	-	-	-	-	0.136	Z
11595	11663	Beam	Angle	0.00	1	1	-	-	-	-	0.136	Z
11596	11664	Beam	Angle	0.00	1	1	-	-	-	-	0.136	Z
11597	11656	Beam	Angle	0.00	1	1	-	-	-	-	0.086	Z
11598	11652	Beam	Angle	0.00	13	13	1	1	-	-	1.242	YZ
11599	11654	Beam	Angle	0.00	13	13	1	1	-	-	1.242	YZ
11600	11653	Beam	Angle	0.00	13	13	1	1	-	-	1.242	YZ
11601	11650	Beam	Angle	0.00	13	13	1	1	-	-	1.242	YZ
11602	11649	Beam	Angle	0.00	13	13	1	1	-	-	1.242	YZ
11603	11645	Beam	Angle	0.00	13	13	1	1	-	-	1.242	YZ
11604	11648	Beam	Angle	0.00	13	13	1	1	-	-	1.242	YZ
11605	11647	Beam	Angle	0.00	13	13	1	1	-	-	1.242	YZ
11606	11651	Beam	Angle	0.00	13	13	1	1	-	-	1.242	YZ
11607	11644	Beam	Angle	0.00	13	13	1	1	-	-	1.242	YZ
11608	11646	Beam	Angle	0.00	13	13	1	1	-	-	1.242	YZ
11609	11655	Beam	Angle	0.00	13	13	1	1	-	-	1.242	YZ
11610	11665	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
11611	11666	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
11612	11667	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
11613	11668	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
11614	11669	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
11615	11670	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
11616	11671	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
11617	11672	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
11618	11673	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
11619	11674	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
11620	11675	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
11621	11676	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
11622	11677	Beam	Angle	0.00	1	1	-	-	-	-	0.020	XZ
11623	11678	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
11624	11679	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
11625	11680	Beam	Angle	0.00	1	1	-	-	-	-	0.020	XZ
11626	11321	Beam	Angle	0.00	1	1	-	-	-	-	0.020	Z
11627	11686	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
11628	11682	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
11629	11687	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
11630	11683	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
11631	11684	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
11632	11685	Beam	Angle	0.00	1	1	-	-	-	-	0.110	Z
11633	11688	Beam	Angle	0.00	1	1	-	-	-	-	0.090	Z
11634	11689	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
11635	11690	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
11636	11691	Beam	Angle	0.00	2	2	-	-	-	-	0.150	Z
11637	11692	Beam	Angle	0.00	2	2	-	-	-	-	0.270	Z
11638	11693	Beam	Angle	0.00	2	2	-	-	-	-	0.270	Z
11639	11694	Beam	Angle	0.00	2	2	-	-	-	-	0.150	Z
11640	11695	Beam	Angle	0.00	2	2	-	-	-	-	0.270	Z
11641	11696	Beam	Angle	0.00	2	2	-	-	-	-	0.270	Z
11642	11697	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
11643	11698	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
11644	11699	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
11645	11700	Beam	Angle	0.00	1	1	-	-	-	-	0.150	Z
11646	11701	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
11647	11702	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
11648	11703	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
11649	11704	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
11650	11705	Beam	Angle	0.00	2	2	-	-	-	-	0.120	Z
11651	11706	Beam	Angle	0.00	2	2	-	-	-	-	0.120	Z
11652	11707	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
11653	8188	Beam	Angle	90.00	6	6	-	-	10	-	0.150	Z
11654	8217	Beam	Angle	90.00	6	6	-	-	10	-	0.150	Z
11655	8243	Beam	Angle	90.00	6	6	-	-	10	-	0.150	Z
11656	8278	Beam	Angle	90.00	6	6	-	-	10	-	0.150	Z
11657	11712	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
11658	11713	Beam	Angle	0.00	1	1	-	-	-	-	0.050	Z
11659	11714	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
11660	11715	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
11661	11716	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
11662	11717	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
11663	11718	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
11664	11719	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
11665	11720	Beam	Angle	0.00	1	1	-	-	-	-	0.060	Z
11666	11721	Beam	Angle	0.00	1	1	-	-	-	-	0.060	Z

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
11667	11722	Beam	Angle	0.00	1	1	-	-	-	-	0.060	Z
11668	11723	Beam	Angle	0.00	8	8	-	-	33	-	0.066	Z
11669	11724	Beam	Angle	0.00	8	8	-	-	33	-	0.066	Z
11670	11725	Beam	Angle	0.00	8	8	-	-	33	-	0.066	Z
11671	11726	Beam	Angle	0.00	8	8	-	-	33	-	0.066	Z
11672	11728	Beam	Angle	0.00	8	8	-	-	33	-	0.066	Z
11673	11727	Beam	Angle	0.00	1	1	-	-	-	-	0.060	Z
11674	11731	Beam	Angle	0.00	1	1	-	-	-	-	0.060	Z
11675	11732	Beam	Angle	0.00	1	1	-	-	-	-	0.060	Z
11676	11733	Beam	Angle	0.00	1	1	-	-	-	-	0.060	Z
11677	11734	Beam	Angle	0.00	1	1	-	-	-	-	0.060	Z
11678	11736	Beam	Angle	0.00	1	1	-	-	-	-	0.060	Z
11679	11735	Beam	Angle	0.00	1	1	-	-	-	-	0.060	Z
11680	11729	Beam	Angle	0.00	1	1	-	-	-	-	0.060	Z
11681	11730	Beam	Angle	0.00	8	8	-	-	33	-	0.066	Z
11682	11737	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
11683	11738	Beam	Angle	0.00	1	1	-	-	-	-	0.025	Z
11684	11739	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
11685	11740	Beam	Angle	0.00	1	1	-	-	-	-	0.025	Z
11686	11741	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
11687	11742	Beam	Angle	0.00	1	1	-	-	-	-	0.025	Z
11688	11743	Beam	Angle	0.00	1	1	-	-	-	-	0.075	Z
11689	11744	Beam	Angle	0.00	1	1	-	-	-	-	0.025	Z
11690	11745	Beam	Angle	0.00	1	1	-	-	-	-	0.025	Z
11691	11746	Beam	Angle	0.00	1	1	-	-	-	-	0.025	Z
11692	11747	Beam	Angle	0.00	1	1	-	-	-	-	0.025	Z
11693	11748	Beam	Angle	0.00	1	1	-	-	-	-	0.025	Z
11694	11749	Beam	Angle	0.00	1	1	-	-	-	-	0.025	Z
11695	11750	Beam	Angle	0.00	1	1	-	-	-	-	0.025	Z
11696	11751	Beam	Angle	0.00	1	1	-	-	-	-	0.025	Z
11697	11752	Beam	Angle	0.00	8	8	-	-	35	-	0.033	Z
11698	11753	Beam	Angle	0.00	8	8	-	-	35	-	0.033	Z
11699	11754	Beam	Angle	0.00	8	8	-	-	35	-	0.033	Z
11700	11755	Beam	Angle	0.00	8	8	-	-	35	-	0.033	Z
11701	11756	Beam	Angle	0.00	8	8	-	-	35	-	0.033	Z
11702	11757	Beam	Angle	0.00	1	1	-	-	-	-	0.025	Z
11703	11758	Beam	Angle	0.00	8	8	-	-	35	-	0.033	Z
11704	11759	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.005	X
11705	11760	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.005	X
11706	11761	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.005	X
11707	11762	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.005	X
11708	11763	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.005	X
11709	11764	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.005	X
11710	11765	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.005	X
11711	11766	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.005	X
11712	11767	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.005	X
11713	11768	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.005	X
11714	11769	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.005	X
11715	11770	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.005	X
11716	11771	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.005	X
11717	11772	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.005	X
11718	11773	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.005	X
11719	11774	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.005	X
11720	11775	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.005	X
11721	11776	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.005	X
11722	11777	Beam	Angle	0.00	10	10	-	-	13	-	0.002	Y
11723	11778	Beam	Angle	0.00	10	10	-	-	13	-	0.002	Y
11724	11779	Beam	Angle	0.00	10	10	-	-	13	-	0.002	Y
11725	11780	Beam	Angle	0.00	10	10	-	-	13	-	0.002	Y
11726	11781	Beam	Angle	0.00	10	10	-	-	13	-	0.002	Y
11727	11782	Beam	Angle	0.00	10	10	-	-	13	-	0.002	Y
11728	11783	Beam	Angle	0.00	10	10	-	-	13	-	0.002	Y
11729	11784	Beam	Angle	0.00	10	10	-	-	13	-	0.002	Y
11730	11785	Beam	Angle	0.00	10	10	-	-	13	-	0.002	Y
11731	11786	Beam	Angle	0.00	10	10	-	-	19	-	1.150	Y
11732	11787	Beam	Angle	0.00	10	10	-	-	19	-	1.150	Y
11733	11788	Beam	Angle	0.00	10	10	-	-	19	-	1.150	Y
11734	11789	Beam	Angle	0.00	10	10	-	-	19	-	1.150	Y
11735	11790	Beam	Angle	0.00	10	10	-	-	19	-	1.150	Y
11736	11791	Beam	Angle	0.00	10	10	-	-	19	-	1.150	Y
11737	11792	Beam	Angle	0.00	10	10	-	-	19	-	1.150	Y
11738	11793	Beam	Angle	0.00	10	10	-	-	19	-	1.150	Y
11739	11794	Beam	Angle	0.00	10	10	-	-	19	-	1.150	Y
11740	11795	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.005	X
11741	11796	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.005	X
11742	11797	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.005	X
11743	11798	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.005	X
11744	11799	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.005	X
11745	11800	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.005	X
11746	11801	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.005	X
11747	11802	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.005	X
11748	11803	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.005	X
11749	11804	Beam	Angle	0.00	10	10	-	-	13	-	1.150	Y
11750	11805	Beam	Angle	0.00	10	10	-	-	13	-	1.150	Y
11751	11806	Beam	Angle	0.00	10	10	-	-	13	-	1.150	Y
11752	11807	Beam	Angle	0.00	10	10	-	-	13	-	1.150	Y
11753	11808	Beam	Angle	0.00	10	10	-	-	13	-	1.150	Y
11754	11809	Beam	Angle	0.00	10	10	-	-	13	-	1.150	Y
11755	11810	Beam	Angle	0.00	10	10	-	-	13	-	1.150	Y
11756	11811	Beam	Angle	0.00	10	10	-	-	13	-	1.150	Y
11757	11812	Beam	Angle	0.00	10	10	-	-	13	-	1.150	Y
11758	11813	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.125	X
11759	11814	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.125	X
11760	11815	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.125	X

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
11761	11816	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
11762	11817	Beam	Angle	0.00	1	1	-	-	-	-	0.190	Z
11763	11818	Beam	Angle	180.00	6	6	-	-	12	-	0.200	Z
11764	11819	Beam	Angle	0.00	1	1	-	-	-	-	0.190	Z
11765	11875	Beam	Angle	2.67	6	6	-	-	28	-	0.340	Z
11766	11821	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.005	X
11767	11822	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.005	X
11768	11823	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.005	X
11769	11824	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.005	X
11770	11825	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.005	X
11771	11826	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.005	X
11772	11827	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.005	X
11773	11828	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.005	X
11774	11829	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.005	X
11775	11830	Beam	Angle	0.00	10	10	-	-	19	-	1.150	Y
11776	11831	Beam	Angle	0.00	10	10	-	-	19	-	1.150	Y
11777	11832	Beam	Angle	0.00	10	10	-	-	19	-	1.150	Y
11778	11833	Beam	Angle	0.00	10	10	-	-	19	-	1.150	Y
11779	11834	Beam	Angle	0.00	10	10	-	-	19	-	1.150	Y
11780	11835	Beam	Angle	0.00	10	10	-	-	19	-	1.150	Y
11781	11836	Beam	Angle	0.00	10	10	-	-	19	-	1.150	Y
11782	11837	Beam	Angle	0.00	10	10	-	-	19	-	1.150	Y
11783	11838	Beam	Angle	0.00	10	10	-	-	13	-	0.002	Y
11784	11839	Beam	Angle	0.00	10	10	-	-	13	-	0.002	Y
11785	11840	Beam	Angle	0.00	10	10	-	-	13	-	0.002	Y
11786	11841	Beam	Angle	0.00	10	10	-	-	13	-	0.002	Y
11787	11842	Beam	Angle	0.00	10	10	-	-	13	-	0.002	Y
11788	11843	Beam	Angle	0.00	10	10	-	-	13	-	0.002	Y
11789	11844	Beam	Angle	0.00	10	10	-	-	13	-	0.002	Y
11790	11845	Beam	Angle	0.00	10	10	-	-	13	-	0.002	Y
11791	11846	Beam	Angle	0.00	10	10	-	-	13	-	0.002	Y
11792	11847	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.125	X
11793	11976	Beam	Angle	0.00	1	1	-	-	-	-	0.140	Z
11794	11820	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.168	
11795	11849	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.168	
11796	11850	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.168	
11797	11851	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.168	
11798	11852	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.168	
11799	11853	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.168	
11800	11854	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.168	
11801	11855	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.168	
11802	11856	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.168	
11803	11857	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.291	
11804	11858	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.291	
11805	11859	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.291	
11806	11860	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.291	
11807	11861	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.291	
11808	11862	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.291	
11809	11863	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.291	
11810	11864	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.291	
11811	11865	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.291	
11812	11866	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.458	
11813	11867	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.458	
11814	11868	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.458	
11815	11869	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.458	
11816	11870	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.458	
11817	11871	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.458	
11818	11872	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.458	
11819	11873	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.458	
11820	11874	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.458	
11821	11876	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.335	
11822	11877	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.499	
11823	11878	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.337	
11824	11879	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.501	
11825	11880	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.210	
11826	11881	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.213	
11827	11882	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.221	
11828	11883	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.088	
11829	11884	Beam	Angle	0.00	1	1	-	-	-	-	0.380	Z
11830	11885	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.066	
11831	11886	Beam	Angle	0.00	1	1	-	-	-	-	0.380	Z
11832	11887	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.176	
11833	11888	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.217	
11834	11889	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.083	
11835	11890	Beam	Angle	0.00	2	2	-	-	-	-	0.120	Z
11836	11891	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.061	
11837	11892	Beam	Angle	0.00	2	2	-	-	-	-	0.120	Z
11838	11893	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.172	
11839	11894	Beam	Angle	0.00	2	2	-	-	-	-	0.135	Z
11840	11895	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.227	
11841	11896	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.095	
11842	11897	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.073	
11843	11898	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.183	
11844	11899	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.227	
11845	11900	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.095	
11846	11901	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.073	
11847	11902	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.183	
11848	11903	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.222	
11849	11904	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
11850	11905	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
11851	11906	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.089	
11852	11907	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
11853	11908	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
11854	11909	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.068	

1.17 MEMBERS

Mbr. No.	Line No.	Member	Rotation Type	Rotation β [°]	Cross-Section Start	Cross-Section End	Hinge No. Start	Hinge No. End	Ecc. No.	Div. No.	Length L [m]	
11855	11910	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
11856	11911	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
11857	11912	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.178	
11858	11913	Beam	Angle	0.00	1	1	-	-	-	-	0.400	Z
11859	11914	Beam	Angle	0.00	1	1	-	-	-	-	0.300	Z
11860	11915	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
11861	11916	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
11862	11917	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
11863	11918	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
11864	11919	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
11865	11920	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
11866	11921	Beam	Angle	0.00	1	1	-	-	-	-	0.100	Z
11867	11922	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.802	
11868	11923	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.802	
11869	11924	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.802	
11870	11925	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.802	
11871	11926	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.802	
11872	11927	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.802	
11873	11928	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.802	
11874	11929	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.802	
11875	11930	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.802	
11876	11931	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.834	
11877	11932	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.836	
11878	11848	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.780	
11879	11933	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.780	
11880	11934	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.780	
11881	11935	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.780	
11882	11936	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.780	
11883	11937	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.780	
11884	11938	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.780	
11885	11939	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.780	
11886	11940	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.780	
11887	11941	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.808	
11888	11942	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.810	
11889	11943	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.873	
11890	11944	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.873	
11891	11945	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.873	
11892	11946	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.873	
11893	11947	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.873	
11894	11948	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.873	
11895	11949	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.873	
11896	11950	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.873	
11897	11951	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.873	
11898	11952	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.906	
11899	11953	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.908	
11900	11954	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.396	
11901	11955	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.396	
11902	11956	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.396	
11903	11957	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.396	
11904	11958	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.396	
11905	11959	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.396	
11906	11960	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.396	
11907	11961	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.396	
11908	11962	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.396	
11909	11963	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.440	
11910	11964	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.442	
11911	11965	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.576	
11912	11966	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.576	
11913	11967	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.576	
11914	11968	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.576	
11915	11969	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.576	
11916	11970	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.576	
11917	11971	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.576	
11918	11972	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.576	
11919	11973	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.576	
11920	11974	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.615	
11921	11975	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.615	
11922	11977	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.622	
11923	11978	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.622	
11924	11979	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.622	
11925	11980	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.622	
11926	11981	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.622	
11927	11982	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.622	
11928	11983	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.622	
11929	11984	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.622	
11930	11985	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.622	
11931	11986	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.654	
11932	11987	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.655	
11933	11988	Beam	Angle	0.00	1	1	-	-	-	-	0.140	Z
11934	11989	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.237	
11935	11990	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.237	
11936	11991	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.237	
11937	11992	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.237	
11938	11993	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.237	
11939	11994	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.237	
11940	11995	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.237	
11941	11996	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.237	
11942	11997	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.237	
11943	11998	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.279	
11944	11999	Rigid Member	Angle	0.00	0	0	3	3	-	-	1.280	
11945	12000	Beam	Angle	0.00	1	1	-	-	-	-	0.140	Z

1.21 SETS OF MEMBERS

Set No.	Set of Members Description	Type	Member No.	Length [m]	Comment
1	Continuous Members 1	Contin. member	2,97,4975,9651,860,98, 9652,874,99	1.850	
2	Continuous Members 2	Contin. member	4,100,9633,861,101, 9634,875,102	1.850	
3	Continuous Members 3	Contin. member	22,127,128,892,129	1.850	
4	Continuous Members 4	Contin. member	24,130,131,893,132	1.850	
5	Continuous Members 5	Contin. member	6,103,33,862,105,45, 870,107	1.850	
6	Continuous Members 6	Contin. member	8,104,34,863,106,46, 871,108	1.850	
7	Continuous Members 7	Contin. member	10,109,35,864,111,47, 872,113	1.850	
8	Continuous Members 8	Contin. member	12,110,36,865,112,48, 873,114	1.850	
9	Continuous Members 9	Contin. member	14,115,37,117,49,885, 119	1.850	
10	Continuous Members 10	Contin. member	16,116,38,118,50,886, 120	1.850	
11	Continuous Members 11	Contin. member	18,121,39,123,51,887, 125	1.850	
12	Continuous Members 12	Contin. member	20,122,40,124,52,888, 126	1.850	
13	Continuous Members 13	Contin. member	26,133,41,135,53,889, 137,5405	1.850	
14	Continuous Members 14	Contin. member	28,134,42,136,54,890, 138	1.850	
15	Continuous Members 15	Contin. member	30,139,43,1590,141, 1593,55,891,143	1.850	
16	Continuous Members 16	Contin. member	32,140,44,142,56,144	1.850	
17	Continuous Members 17	Contin. member	169,201,9653,3872,202, 9654,3873,203	2.050	
18	Continuous Members 18	Contin. member	170,204,9635,3874,205, 9636,3875,206	2.050	
19	Continuous Members 17	Contin. member	171,207,208,3876,209, 3877,210,211	2.050	
20	Continuous Members 18	Contin. member	172,212,213,3878,214, 3879,215,216	2.050	
21	Continuous Members 17	Contin. member	173,217,218,3898,219, 3899,220,221	2.050	
22	Continuous Members 18	Contin. member	174,222,223,3900,224, 3901,225,226	2.050	
23	Continuous Members 17	Contin. member	175,227,228,1579,229, 1580,230,231	2.050	
24	Continuous Members 18	Contin. member	176,232,233,1581,234, 1582,235,236	2.050	
25	Continuous Members 17	Contin. member	177,237,238,1568,239, 1569,240,241	2.050	
26	Continuous Members 18	Contin. member	178,242,243,1570,244, 1571,245,246	2.050	
27	Continuous Members 17	Contin. member	179,247,165,248,256, 1588,249	2.050	
28	Continuous Members 18	Contin. member	180,250,257,251,261, 1589,252	2.050	
29	Continuous Members 17	Contin. member	181,253,254,69,255, 1594	1.370	
30	Continuous Members 18	Contin. member	182,258,259,1566,260, 1592	1.370	
31	Continuous Members 17	Contin. member	183,263	0.400	
32	Continuous Members 18	Contin. member	184,268	0.400	
33	Continuous Members 5	Contin. member	274,4976,329,289,331, 9963,297,333	1.850	
34	Continuous Members 6	Contin. member	276,8125,330,290, 11352,332,11365,298, 334	1.850	
35	Continuous Members 7	Contin. member	278,4977,335,291,337, 9964,299,339	1.850	
36	Continuous Members 8	Contin. member	280,8151,336,292, 11353,338,11366,300, 340	1.850	
37	Continuous Members 9	Contin. member	282,4979,341,293,343, 9965,301,345	1.850	
38	Continuous Members 10	Contin. member	284,8186,342,294, 11354,344,11367,302, 346	1.850	
39	Continuous Members 11	Contin. member	286,4980,347,295,349, 9966,303,351	1.850	
40	Continuous Members 12	Contin. member	288,8203,348,296, 11362,11355,350,11375, 11368,304,352	1.850	
41	Continuous Members 17	Contin. member	365,385,4982,386,9967, 387,9968,388,389,11627	2.120	
42	Continuous Members 18	Contin. member	366,390,4983,391,1534, 392,11404,11391,393, 394,11610	2.120	
43	Continuous Members 17	Contin. member	367,395,4985,396,9969, 397,9970,398,399,11628	2.120	
44	Continuous Members 18	Contin. member	368,400,4986,401,4984, 402,11405,11392,403, 404,11611	2.120	
45	Continuous Members 17	Contin. member	369,405,6907,406,9971, 407,9972,408,409,11629	2.120	
46	Continuous Members 18	Contin. member	370,410,6908,411,4987, 412,11406,11393,413, 414,11612	2.120	
47	Continuous Members 17	Contin. member	371,415,6910,416,9973,4	2.120	

1.21 SETS OF MEMBERS

Set No.	Set of Members Description	Type	Member No.	Length [m]	Comment
			417,9974,418,419,11630		
48	Continuous Members 18	Contin. member	372,420,6911,421,6909, 11646,422,11407,11394, 11395,423,424,11613	2.120	
49	Continuous Members 5	Contin. member	426,11659,481,441, 7587,483,7268,449,485	1.850	
50	Continuous Members 6	Contin. member	428,7028,482,442,3671, 484,450,486	1.850	
51	Continuous Members 7	Contin. member	430,11660,487,443, 7588,489,7269,451,491	1.850	
52	Continuous Members 8	Contin. member	432,7029,488,444,5434, 490,452,492	1.850	
53	Continuous Members 9	Contin. member	434,11661,493,445, 7589,495,7271,453,497	1.850	
54	Continuous Members 10	Contin. member	436,7030,494,446,5435, 496,454,498	1.850	
55	Continuous Members 11	Contin. member	438,11662,499,447, 11349,11342,501,7584, 7272,455,503	1.850	
56	Continuous Members 12	Contin. member	440,7031,500,448,6564, 502,456,504	1.850	
57	Continuous Members 17	Contin. member	517,537,6969,538,6934, 539,11414,11378,540, 541,11614	2.120	
58	Continuous Members 18	Contin. member	518,542,11682,7033, 543,7034,544,6594,545, 546,11683,7035,11674	2.120	
59	Continuous Members 17	Contin. member	519,547,6971,548,6999, 549,11415,11379,550, 551,11615	2.120	
60	Continuous Members 18	Contin. member	520,552,11684,7036, 553,7037,554,6595,555, 556,11685,7038,11675	2.120	
61	Continuous Members 17	Contin. member	521,557,6972,558,7000, 559,11416,11380,560, 561,11616	2.120	
62	Continuous Members 18	Contin. member	522,562,11686,7039, 563,7040,564,6596,565, 566,11687,7056,11676	2.120	
63	Continuous Members 17	Contin. member	523,567,11652,568, 7001,11647,569,11417, 11381,11382,570,571, 11617	2.120	
64	Continuous Members 18	Contin. member	524,572,11688,7067, 573,7078,574,6597,575, 576,11689,7089,11677	2.120	
65	Continuous Members 1	Contin. member	578,6938,584-586	1.850	
66	Continuous Members 2	Contin. member	580,11663,587,11363, 11364,11356,588,11376, 11369,11377,589	1.850	
67	Continuous Members 17	Contin. member	593,595,6939,6879,596, 597,6876	2.120	
68	Continuous Members 18	Contin. member	594,598,11642,11657, 11643,11634,11648,599, 11408,11396,11397, 11403,600,11618	2.120	
69	Continuous Members 1	Contin. member	602,11664,608,11350, 11351,11343,609,7585, 7273,7586,610	1.850	
70	Continuous Members 2	Contin. member	604,7100,611,6565,612, 613	1.850	
71	Continuous Members 17	Contin. member	617,619,11644,11658, 11645,11635,11649,620, 11418,11383,11384, 11390,621,11619	2.120	
72	Continuous Members 18	Contin. member	618,622,11690,6903, 7265,6906,6877,623, 6598,624,11691,6878, 11673	2.120	
73	Continuous Members 73	Contin. member	643,728,1000,9632,729, 9630,998,730	1.900	
74	Continuous Members 74	Contin. member	644,731,1001,9628,732, 9626,999,733	1.900	
75	Continuous Members 73	Contin. member	645,734,1002,689,738, 677,994,736	1.900	
76	Continuous Members 74	Contin. member	646,735,1003,690,739, 678,995,737	1.900	
77	Continuous Members 73	Contin. member	647,740,1004,691,744, 679,996,742	1.900	
78	Continuous Members 74	Contin. member	648,741,1005,692,745, 680,997,743	1.900	
79	Continuous Members 73	Contin. member	649,746,693,750,681, 748	1.900	
80	Continuous Members 74	Contin. member	650,747,694,751,682, 749	1.900	
81	Continuous Members 73	Contin. member	651,752,695,756,683, 754	1.900	
82	Continuous Members 74	Contin. member	652,753,696,757,684, 755	1.900	
83	Continuous Members 73	Contin. member	653,758,697,762,1026, 685,1010,760	1.900	
84	Continuous Members 74	Contin. member	654,759,698,763,1027, 686,1011,761	1.900	
85	Continuous Members 73	Contin. member	655,764,699,780,1028,6	1.900	

1.21 SETS OF MEMBERS

Set No.	Set of Members Description	Type	Member No.	Length [m]	Comment
			687,1012,778		
86	Continuous Members 74	Contin. member	656,765,700,781,1029, 688,1013,779	1.900	
87	Continuous Members 73	Contin. member	766,1030,1014	1.460	
88	Continuous Members 74	Contin. member	769,1031,1015	1.460	
89	Continuous Members 73	Contin. member	772,1032,1018	0.930	
90	Continuous Members 74	Contin. member	775,1033,1019	0.930	
91	Continuous Members 91	Contin. member	800,1056,197,9629,198, 1054	1.300	
92	Continuous Members 92	Contin. member	801,1057,199,9625,200, 1055	1.300	
93	Continuous Members 91	Contin. member	802,1058,816,938,818, 939,1061	1.300	
94	Continuous Members 92	Contin. member	803,1059,934-937,1060	1.300	
95	Continuous Members 91	Contin. member	804,1062,817,944,819, 945,1065	1.300	
96	Continuous Members 92	Contin. member	805,1063,940-943,1064	1.300	
97	Continuous Members 91	Contin. member	806,946-949	1.300	
98	Continuous Members 92	Contin. member	807,950-953	1.300	
99	Continuous Members 91	Contin. member	808,954-957	1.300	
100	Continuous Members 92	Contin. member	809,958-961	1.300	
101	Continuous Members 91	Contin. member	810,1066,962-965,1068	1.300	
102	Continuous Members 92	Contin. member	811,1067,966-969,1069	1.300	
103	Continuous Members 91	Contin. member	812,1070,970-973,1076	1.300	
104	Continuous Members 92	Contin. member	813,1071,974-977,1077	1.300	
105	Continuous Members 91	Contin. member	814,1072,978,979,1078	1.300	
106	Continuous Members 92	Contin. member	815,1073,980,981,1079	1.300	
107	Continuous Members 91	Contin. member	836,1074,982,983,1080	1.300	
108	Continuous Members 92	Contin. member	837,1075,984,985,1081	1.300	
109	Continuous Members 9	Contin. member	1083,6940,1108,1090, 1110,9975,1094,1112	1.900	
110	Continuous Members 10	Contin. member	1085,1109,1091,1111, 1095,1113	1.900	
111	Continuous Members 11	Contin. member	1087,6941,1114,1092, 1116,9976,1096,1118	1.900	
112	Continuous Members 12	Contin. member	1089,1115,1093,1117, 1097,1119	1.900	
113	Continuous Members 11	Contin. member	1121,6942,1131,1124, 1133,9977,1126,1135	1.900	
114	Continuous Members 12	Contin. member	1123,1132,1125,1134, 1127,1136	1.900	
115	Continuous Members 11	Contin. member	1138,6965,1148,1141, 1150,9978,1143,1152	1.900	
116	Continuous Members 12	Contin. member	1140,1149,1142,1151, 1144,1153	1.900	
117	Continuous Members 11	Contin. member	1155,6968,1165,1158, 1167,9979,1160,1169	1.900	
118	Continuous Members 12	Contin. member	1157,1166,1159,1168, 1161,1170	1.900	
119	Continuous Members 11	Contin. member	1522,7025,3855,1525, 4309,11086,2925,4319	1.900	
120	Continuous Members 12	Contin. member	1524,4303,2924,4313, 3548,4380	1.900	
121	Continuous Members 121	Contin. member	1224,1236,1280,9987, 1240,1282,11631	1.300	
122	Continuous Members 122	Contin. member	1225,1237,1281,1241, 1283,11620	1.300	
123	Continuous Members 121	Contin. member	1226,1238,1284,9988, 1242,1286,11632	1.300	
124	Continuous Members 122	Contin. member	1227,1239,1285,1243, 1287,11621	1.300	
125	Continuous Members 121	Contin. member	1228,1540,1288,1289, 11626,11633	1.300	
126	Continuous Members 122	Contin. member	1229,1541,1290,1291, 11622,1535	1.300	
127	Continuous Members 121	Contin. member	1230,1542,1256,1292, 9989,1257,1293,7002, 1536	1.300	
128	Continuous Members 122	Contin. member	1231,1543,1258,1294, 1259,1295,1537	1.300	
129	Continuous Members 121	Contin. member	1232,1544,1260,1296, 9990,1261,1297,7004, 1538	1.300	
130	Continuous Members 122	Contin. member	1233,1545,1262,1298, 1263,1299,1539	1.300	
131	Continuous Members 121	Contin. member	5189,7675,5241,5942, 11088,5937,5943,7027, 7655	1.300	
132	Continuous Members 122	Contin. member	5201,7689,5938,5944, 11829,5939,5945,7666	1.300	
133	Continuous Members 9	Contin. member	1305,1330,1312,1332, 1316,1334	1.900	
134	Continuous Members 10	Contin. member	1307,7111,1331,1313, 6566,1333,1317,1335	1.900	
135	Continuous Members 11	Contin. member	1309,1336,1314,1338, 1318,1340	1.900	
136	Continuous Members 12	Contin. member	1311,7122,1337,1315, 6567,1339,1319,1341	1.900	
137	Continuous Members 11	Contin. member	1343,1353,1346,1355, 1348,1357	1.900	
138	Continuous Members 12	Contin. member	1345,7133,1354,1347, 6568,1356,1349,1358	1.900	
139	Continuous Members 11	Contin. member	1360,1370,1363,1372, 1365,1374	1.900	

1.21 SETS OF MEMBERS

Set No.	Set of Members Description	Type	Member No.	Length [m]	Comment
140	Continuous Members 12	Contin. member	1362,7155,1371,1364, 6569,1373,1366,1375	1.900	
141	Continuous Members 11	Contin. member	1377,1387,1380,1389, 1382,1391	1.900	
142	Continuous Members 12	Contin. member	1379,7166,1388,1381, 6570,1390,1383,1392	1.900	
143	Continuous Members 11	Contin. member	5955,6173,6166,6175, 6168,6177	1.900	
144	Continuous Members 12	Contin. member	5957,7263,6174,6167, 11029,6176,6169,6178	1.900	
145	Continuous Members 121	Contin. member	1446,1458,1502,1462, 1504,11623	1.300	
146	Continuous Members 122	Contin. member	1447,1459,1503,6605, 1463,1505,11692,7232, 11678	1.300	
147	Continuous Members 121	Contin. member	1448,1460,1506,1464, 1508,11624	1.300	
148	Continuous Members 122	Contin. member	1449,1461,1507,6606, 1465,1509,11693,7254, 11679	1.300	
149	Continuous Members 121	Contin. member	1450,1560,1510,1511, 11625,1554	1.300	
150	Continuous Members 122	Contin. member	1451,1561,1512,6607, 1513,11694,7260,1555, 11665	1.300	
151	Continuous Members 121	Contin. member	1452,1562,1478,1514, 1479,1515,1556	1.300	
152	Continuous Members 122	Contin. member	1453,1563,1480,1516, 6608,1481,1517,11695, 7261,1557,11666	1.300	
153	Continuous Members 121	Contin. member	1454,1564,1482,1518, 1483,1519,1558	1.300	
154	Continuous Members 122	Contin. member	1455,1565,1484,1520, 6609,1485,1521,11696, 7262,1559,11667	1.300	
155	Continuous Members 121	Contin. member	6603,7740,6997,7009, 11831,6998,7010,7728	1.300	
156	Continuous Members 122	Contin. member	6604,7746,7005,7011, 11034,7006,7012,11702, 7266,7739,11680	1.300	
157	Continuous Members 5	Contin. member	1602,1624,1606,1674, 1626,1610,1678,1628	1.850	
158	Continuous Members 6	Contin. member	1603,1625,1607,1675, 1627,1611,1679,1629	1.850	
159	Continuous Members 7	Contin. member	1604,1630,1608,1676, 1632,1612,1680,1634	1.850	
160	Continuous Members 8	Contin. member	1605,1631,1609,1677, 1633,1613,1681,1635	1.850	
161	Continuous Members 17	Contin. member	1642,1650,1651,3880, 1652,3881,1653,1654	2.050	
162	Continuous Members 18	Contin. member	1643,1655,1656,3882, 1657,3883,1658,1659	2.050	
163	Continuous Members 17	Contin. member	1644,1660,1661,3904, 1662,3905,1663,1664	2.050	
164	Continuous Members 18	Contin. member	1645,1665,1666,3906, 1667,3907,1668,1669	2.050	
165	Continuous Members 5	Contin. member	1686,1695,1688,1718, 1697,1690,1720,1699	1.850	
166	Continuous Members 6	Contin. member	1687,1696,1689,1719, 1698,1691,1721,1700	1.850	
167	Continuous Members 17	Contin. member	1704,1706,1707,3856, 1708,3857,1709,1710	2.050	
168	Continuous Members 18	Contin. member	1705,1711,1712,3858, 1713,3859,1714,1715	2.050	
169	Continuous Members 7	Contin. member	1730,1743,1732,1770, 1745,1734,1772,1747	1.850	
170	Continuous Members 8	Contin. member	1731,1744,1733,1771, 1746,1735,1773,1748	1.850	
171	Continuous Members 17	Contin. member	1752,1758,1759,3912, 1760,3913,1761,1762	2.050	
172	Continuous Members 18	Contin. member	1753,1763,1764,3914, 1765,3915,1766,1767	2.050	
173	Continuous Members 7	Contin. member	1776,1789,1778,1816, 1791,1780,1818,1793	1.850	
174	Continuous Members 8	Contin. member	1777,1790,1779,1817, 1792,1781,1819,1794	1.850	
175	Continuous Members 17	Contin. member	1798,1804,1805,3920, 1806,3921,1807,1808	2.050	
176	Continuous Members 18	Contin. member	1799,1809,1810,3922, 1811,3923,1812,1813	2.050	
177	Continuous Members 7	Contin. member	1822,1831,1824,1854, 1833,1826,1856,1835	1.850	
178	Continuous Members 8	Contin. member	1823,1832,1825,1855, 1834,1827,1857,1836	1.850	
179	Continuous Members 17	Contin. member	1840,1842,1843,3928, 1844,3929,1845,1846	2.050	
180	Continuous Members 18	Contin. member	1841,1847,1848,3930, 1849,3931,1850,1851	2.050	
181	Continuous Members 7	Contin. member	1860,1873,1862,1900, 1875,1864,1902,1877	2.780	
182	Continuous Members 8	Contin. member	1861,1874,1863,1901, 1876,1865,1903,1878	2.780	
183	Continuous Members 17	Contin. member	1882,1888,1889,5301, 1890,5302,1891,1892	2.050	

1.21 SETS OF MEMBERS

Set No.	Set of Members Description	Type	Member No.	Length [m]	Comment
184	Continuous Members 18	Contin. member	1883,1893,1894,5303, 1895,5304,1896,1897	2.050	
185	Continuous Members 5	Contin. member	1908,1917,1910,1940, 1919,1912,1942,1921	1.850	
186	Continuous Members 6	Contin. member	1909,1918,1911,1941, 1920,1913,1943,1922	1.850	
187	Continuous Members 17	Contin. member	1926,1928,1929,5333, 1930,5334,1931,1932	2.050	
188	Continuous Members 18	Contin. member	1927,1933,1934,5335, 1935,5336,1936,1937	2.050	
189	Continuous Members 5	Contin. member	1946,1955,1948,1978, 1957,1950,1980,1959	3.770	
190	Continuous Members 6	Contin. member	1947,1956,1949,1979, 1958,1951,1981,1960	3.770	
191	Continuous Members 17	Contin. member	1964,1966,1967,5317, 1968,5318,1969,1970	2.050	
192	Continuous Members 18	Contin. member	1965,1971,1972,5319, 1973,5320,1974,1975	2.050	
193	Continuous Members 7	Contin. member	1990,2003,1992,2030, 2005,1994,2032,2007	1.850	
194	Continuous Members 8	Contin. member	1991,2004,1993,2031, 2006,1995,2033,2008	1.850	
195	Continuous Members 17	Contin. member	2012,2018,2019,5349, 2020,5350,2021,2022	2.050	
196	Continuous Members 18	Contin. member	2013,2023,2024,5351, 2025,5352,2026,2027	2.050	
197	Continuous Members 5	Contin. member	2038,2047,2040,7487, 2070,2049,9930,2042, 2072,2051	1.850	
198	Continuous Members 6	Contin. member	2039,2048,2041,9911, 2071,2050,9912,2043, 2073,2052	1.850	
199	Continuous Members 17	Contin. member	2056,2058,9931,2059, 5365,2060,9932,5366, 2061,2062	2.050	
200	Continuous Members 18	Contin. member	2057,2063,9913,2064, 5367,2065,9914,5368, 2066,2067	2.050	
201	Continuous Members 5	Contin. member	2084,2106,2088,2156, 2108,2092,2160,2110	1.850	
202	Continuous Members 6	Contin. member	2085,2107,2089,2157, 2109,2093,2161,2111	1.850	
203	Continuous Members 7	Contin. member	2086,2112,2090,2158, 2114,2094,2162,2116	1.850	
204	Continuous Members 8	Contin. member	2087,2113,2091,2159, 2115,2095,2163,2117	1.850	
205	Continuous Members 17	Contin. member	2124,2132,2133,3884, 5271,2134,3885,5272, 2135,2136	2.050	
206	Continuous Members 18	Contin. member	2125,2137,2138,3886, 5273,2139,3887,5274, 2140,2141	2.050	
207	Continuous Members 17	Contin. member	2126,2142,2143,3908, 5277,2144,3909,5278, 2145,2146	2.050	
208	Continuous Members 18	Contin. member	2127,2147,2148,3910, 5279,2149,3911,5280, 2150,2151	2.050	
209	Continuous Members 5	Contin. member	2168,2177,2170,2200, 2179,2172,2202,2181	1.850	
210	Continuous Members 6	Contin. member	2169,2178,2171,2201, 2180,2173,2203,2182	1.850	
211	Continuous Members 17	Contin. member	2186,2188,2189,3860, 5265,2190,3861,5266, 2191,2192	2.050	
212	Continuous Members 18	Contin. member	2187,2193,2194,3862, 5267,2195,3863,5268, 2196,2197	2.050	
213	Continuous Members 7	Contin. member	2212,2225,2214,2252, 2227,2216,2254,2229	1.850	
214	Continuous Members 8	Contin. member	2213,2226,2215,2253, 2228,2217,2255,2230	1.850	
215	Continuous Members 17	Contin. member	2234,2240,2241,3916, 5283,2242,3917,5284, 2243,2244	2.050	
216	Continuous Members 18	Contin. member	2235,2245,2246,3918, 5285,2247,3919,5286, 2248,2249	2.050	
217	Continuous Members 7	Contin. member	2258,2271,2260,2298, 2273,2262,2300,2275	1.850	
218	Continuous Members 8	Contin. member	2259,2272,2261,2299, 2274,2263,2301,2276	1.850	
219	Continuous Members 17	Contin. member	2280,2286,2287,3924, 5289,2288,3925,5290, 2289,2290	2.050	
220	Continuous Members 18	Contin. member	2281,2291,2292,3926, 5291,2293,3927,5292, 2294,2295	2.050	
221	Continuous Members 7	Contin. member	2304,2313,2306,2336, 2315,2308,2338,2317	1.850	
222	Continuous Members 8	Contin. member	2305,2314,2307,2337, 2316,2309,2339,2318	1.850	
223	Continuous Members 17	Contin. member	2322,2324,2325,3932, 5293,2326,3933,5294,2	2.050	

1.21 SETS OF MEMBERS

Set No.	Set of Members Description	Type	Member No.	Length [m]	Comment
			2327,2328		
224	Continuous Members 18	Contin. member	2323,2329,2330,3934, 5295,2331,3935,5296, 2332,2333	2.050	
225	Continuous Members 5	Contin. member	2352,2361,2354,2384, 2363,2356,2386,2365	1.850	
226	Continuous Members 6	Contin. member	2353,2362,2355,2385, 2364,2357,2387,2366	1.850	
227	Continuous Members 17	Contin. member	2370,2372,2373,5337, 5338,2374,5339,5340, 2375,2376	2.050	
228	Continuous Members 18	Contin. member	2371,2377,2378,5341, 5342,2379,5343,5344, 2380,2381	2.050	
229	Continuous Members 7	Contin. member	2396,2409,2398,2436, 2411,2400,2438,2413	1.850	
230	Continuous Members 8	Contin. member	2397,2410,2399,2437, 2412,2401,2439,2414	1.850	
231	Continuous Members 17	Contin. member	2418,2424,2425,5353, 5354,2426,5355,5356, 2427,2428	2.050	
232	Continuous Members 18	Contin. member	2419,2429,2430,5357, 5358,2431,5359,5360, 2432,2433	2.050	
233	Continuous Members 5	Contin. member	2444,2453,2446,7496, 2476,2455,9901,2448, 2478,2457	1.850	
234	Continuous Members 6	Contin. member	2445,2454,2447,7551, 2477,2456,7560,2449, 2479,2458	1.850	
235	Continuous Members 17	Contin. member	2462,2464,9902,2465, 5369,5370,2466,9903, 5371,5372,2467,2468	2.050	
236	Continuous Members 18	Contin. member	2463,2469,7569,2470, 5373,5374,2471,7578, 5375,5376,2472,2473	2.050	
237	Continuous Members 7	Contin. member	2488,2497,2490,2520, 2499,2492,2522,2501	1.850	
238	Continuous Members 8	Contin. member	2489,2498,2491,2521, 2500,2493,2523,2502	1.850	
239	Continuous Members 17	Contin. member	2506,2508,2509,5305, 5306,2510,5307,5308, 2511,2512	2.050	
240	Continuous Members 18	Contin. member	2507,2513,2514,5309, 5310,2515,5311,5312, 2516,2517	2.050	
241	Continuous Members 7	Contin. member	2526,2535,2528,2558, 2537,2530,2560,2539	1.850	
242	Continuous Members 8	Contin. member	2527,2536,2529,2559, 2538,2531,2561,2540	1.850	
243	Continuous Members 17	Contin. member	2544,2546,2547,5321, 5322,2548,5323,5324, 2549,2550	2.050	
244	Continuous Members 18	Contin. member	2545,2551,2552,5325, 5326,2553,5327,5328, 2554,2555	2.050	
245	Continuous Members 5	Contin. member	2566,6834,2588,2570, 2638,2590,6686,2574, 2642,2592	1.850	
246	Continuous Members 6	Contin. member	2567,2589,2571,6865, 2639,11562,2591,6896, 2575,2643,2593	1.850	
247	Continuous Members 7	Contin. member	2568,6837,2594,2572, 2640,3158,2596,7259, 3156,2576,2644,2598	1.850	
248	Continuous Members 8	Contin. member	2569,2595,2573,6868, 2641,3159,11571,2597, 6899,3157,2577,2645, 2599	1.850	
249	Continuous Members 17	Contin. member	2606,2614,2615,3888, 2616,7042,3889,2617, 2618	2.050	
250	Continuous Members 18	Contin. member	2607,11538,2619,2620, 11514,3890,2621,3891, 2622,2623	2.050	
251	Continuous Members 17	Contin. member	2608,2624,2625,3148, 3149,2626,11094,3150, 3151,2627,2628	2.050	
252	Continuous Members 18	Contin. member	2609,11539,2629,2630, 11515,3152,3153,2631, 3154,3155,2632,2633	2.050	
253	Continuous Members 5	Contin. member	2650,6927,2659,2652, 6924,2682,2661,6721, 2654,2684,2663	1.850	
254	Continuous Members 6	Contin. member	2651,2660,2653,7053, 6955,2683,11563,2662, 7055,6738,2655,2685, 2664	1.850	
255	Continuous Members 17	Contin. member	2668,2670,2671,3864, 2672,7050,3865,2673, 2674	2.050	
256	Continuous Members 18	Contin. member	2669,11540,2675,2676, 11516,3866,2677,3867, 2678,2679	2.050	
257	Continuous Members 7	Contin. member	2694,6930,2707,2696,2	1.850	

1.21 SETS OF MEMBERS

Set No.	Set of Members Description	Type	Member No.	Length [m]	Comment
			2734,3170,2709,7057, 3160,2698,2736,2711		
258	Continuous Members 8	Contin. member	2695,2708,2697,6958, 2735,3171,11572,2710, 6961,3161,2699,2737, 2712	1.850	
259	Continuous Members 17	Contin. member	2716,2722,2723,3162, 3163,2724,7059,3164, 3165,2725,2726	2.050	
260	Continuous Members 18	Contin. member	2717,11541,2727,2728, 11517,3166,3167,2729, 3168,3169,2730,2731	2.050	
261	Continuous Members 7	Contin. member	2740,6989,2753,2742, 8501,2780,3178,2755, 8494,3172,2744,2782, 2757	1.850	
262	Continuous Members 8	Contin. member	2741,2754,2743,6992, 8502,2781,3179,11573, 2756,7020,8495,3173, 2745,2783,2758	1.850	
263	Continuous Members 17	Contin. member	2762,2768,2769,3180, 3174,2770,7160,3181, 3175,2771,2772	2.050	
264	Continuous Members 18	Contin. member	2763,11542,2773,2774, 11518,3182,3176,2775, 3183,3177,2776,2777	2.050	
265	Continuous Members 7	Contin. member	2786,7023,2795,2788, 8512,2818,2797,8523, 2790,2820,2799	1.850	
266	Continuous Members 8	Contin. member	2787,2796,2789,11138, 8513,2819,11564,2798, 11139,8524,2791,2821, 2800	1.850	
267	Continuous Members 17	Contin. member	2804,2806,2807,3936, 2808,7193,3937,2809, 2810	2.050	
268	Continuous Members 18	Contin. member	2805,11543,2811,2812, 11519,3938,2813,3939, 2814,2815	2.050	
269	Continuous Members 5	Contin. member	2834,11140,2843,2836, 2866,3118,2845,7934, 3108,2838,2868,2847	1.850	
270	Continuous Members 6	Contin. member	2835,2844,2837,11141, 2867,3119,11569,2846, 11142,3109,2839,2869, 2848	1.850	
271	Continuous Members 17	Contin. member	2852,2854,2855,3110, 3111,2856,7973,3112, 3113,2857,2858	2.050	
272	Continuous Members 18	Contin. member	2853,11544,2859,2860, 11520,3114,3115,2861, 3116,3117,2862,2863	2.050	
273	Continuous Members 7	Contin. member	2878,11143,2891,2880, 2918,3128,2893,8360, 3130,2882,2920,2895	1.850	
274	Continuous Members 8	Contin. member	2879,2892,2881,11144, 2919,3129,11570,2894, 11145,3131,2883,2921, 2896	1.850	
275	Continuous Members 17	Contin. member	2900,2906,2907,3184, 3124,2908,8526,3185, 3125,2909,2910	2.050	
276	Continuous Members 18	Contin. member	2901,11545,2911,2912, 11521,3186,3126,2913, 3187,3127,2914,2915	2.050	
277	Continuous Members 5	Contin. member	2926,11146,2935,2928, 2958,2937,8817,2930, 2960,2939	1.850	
278	Continuous Members 6	Contin. member	2927,2936,2929,11147, 2959,11565,2938,11148, 2931,2961,2940	1.850	
279	Continuous Members 17	Contin. member	2944,2946-2948,8953, 2949,2950	2.050	
280	Continuous Members 18	Contin. member	2945,11546,2951,2952, 11522,2953-2955	2.050	
281	Continuous Members 7	Contin. member	2970,11149,2979,2972, 3002,2981,7204,2974, 3004,2983	1.850	
282	Continuous Members 8	Contin. member	2971,2980,2973,11150, 3003,11566,2982,11151, 2975,3005,2984	1.850	
283	Continuous Members 17	Contin. member	2988,2990-2992,7226, 2993,2994	2.050	
284	Continuous Members 18	Contin. member	2989,11547,2995,2996, 11523,2997-2999	2.050	
285	Continuous Members 7	Contin. member	3008,11152,3017,3010, 3040,3102,3019,7270, 3092,3012,3042,3021	1.850	
286	Continuous Members 8	Contin. member	3009,3018,3011,11153, 3041,3103,11568,3020, 11154,3093,3013,3043, 3022	1.850	
287	Continuous Members 17	Contin. member	3026,3028,3029,3094, 3095,3030,7819,3096,3	2.050	

1.21 SETS OF MEMBERS

Set No.	Set of Members Description	Type	Member No.	Length [m]	Comment
			3097,3031,3032		
288	Continuous Members 18	Contin. member	3027,11548,3033,3034, 11524,3098,3099,3035, 3100,3101,3036,3037	2.050	
289	Continuous Members 5	Contin. member	3048,11155,3057,3050, 9766,3080,3059,9768, 3052,3082,3061	1.850	
290	Continuous Members 6	Contin. member	3049,3058,3051,11156, 9767,3081,11567,3060, 11157,9769,3053,3083, 3062	1.850	
291	Continuous Members 17	Contin. member	3066,3068,9770,3069, 3070,9771,3071,3072	2.050	
292	Continuous Members 18	Contin. member	3067,11549,3073,9772, 3074,11525,3075,9773, 3076,3077	2.050	
293	Continuous Members 5	Contin. member	3190,3212,3194,11586, 3262,11164,3214,3198, 3266,3216	1.850	
294	Continuous Members 6	Contin. member	3191,3213,3195,8449, 3263,3215,11158,6717, 3199,3267,3217	1.850	
295	Continuous Members 7	Contin. member	3192,3218,3196,11587, 3264,3782,11199,3220, 3780,3200,3268,3222	1.850	
296	Continuous Members 8	Contin. member	3193,3219,3197,8450, 3265,3783,3221,11159, 6734,3781,3201,3269, 3223	1.850	
297	Continuous Members 17	Contin. member	3230,11479,11160,3238, 3239,11126,3892,3240, 3893,3241,3242	2.050	
298	Continuous Members 18	Contin. member	3231,3243,6684,3244, 3894,3245,11162,8981, 11108,3895,3246,3247	2.050	
299	Continuous Members 17	Contin. member	3232,11480,11161,3248, 3249,11127,3772,3773, 3250,3774,3775,3251, 3252	2.050	
300	Continuous Members 18	Contin. member	3233,3253,6685,3254, 3776,3777,3255,11163, 8999,11109,3778,3779, 3256,3257	2.050	
301	Continuous Members 5	Contin. member	3274,3283,3276,11588, 6986,3306,7051,3285, 6769,3278,3308,3287	1.850	
302	Continuous Members 6	Contin. member	3275,3284,3277,8451, 3307,3286,6687,6765, 3279,3309,3288	1.850	
303	Continuous Members 17	Contin. member	3292,11481,6803,3294, 3295,11129,3868,3296, 3869,3297,3298	2.050	
304	Continuous Members 18	Contin. member	3293,3299,6719,3300, 3870,3301,6680,8974, 6681,3871,3302,3303	2.050	
305	Continuous Members 7	Contin. member	3318,3331,3320,11589, 3358,3794,11200,3333, 3784,3322,3360,3335	1.850	
306	Continuous Members 8	Contin. member	3319,3332,3321,8452, 3359,3795,3334,11165, 6796,3785,3323,3361, 3336	1.850	
307	Continuous Members 17	Contin. member	3340,11483,11166,3346, 3347,11131,3786,3787, 3348,3788,3789,3349, 3350	2.050	
308	Continuous Members 18	Contin. member	3341,3351,6736,3352, 3790,3791,3353,11167, 9051,11111,3792,3793, 3354,3355	2.050	
309	Continuous Members 7	Contin. member	3364,3377,3366,11590, 8503,3404,3802,11201, 3379,8496,3796,3368, 3406,3381	1.850	
310	Continuous Members 8	Contin. member	3365,3378,3367,8453, 3405,3803,3380,11168, 6827,3797,3369,3407, 3382	1.850	
311	Continuous Members 17	Contin. member	3386,11485,11169,3392, 3393,11134,3804,3798, 3394,3805,3799,3395, 3396	2.050	
312	Continuous Members 18	Contin. member	3387,3397,6743,3398, 3806,3800,3399,11170, 9058,11113,3807,3801, 3400,3401	2.050	
313	Continuous Members 7	Contin. member	3410,3419,3412,11591, 8514,3442,11174,3421, 8525,3414,3444,3423	1.850	
314	Continuous Members 8	Contin. member	3411,3420,3413,8454, 3443,3422,11171,6858, 3415,3445,3424	1.850	
315	Continuous Members 17	Contin. member	3428,11487,11172,3430, 3431,11135,3940,3432, 3941,3433,3434	2.050	

1.21 SETS OF MEMBERS

Set No.	Set of Members Description	Type	Member No.	Length [m]	Comment
316	Continuous Members 18	Contin. member	3429,3435,6767,3436, 3942,3437,11173,9679, 11116,3943,3438,3439	2.050	
317	Continuous Members 5	Contin. member	3458,3467,3460,11592, 3490,3742,11197,3469, 3732,3462,3492,3471	1.850	
318	Continuous Members 6	Contin. member	3459,3468,3461,8455, 3491,3743,3470,11175, 6889,3733,3463,3493, 3472	1.850	
319	Continuous Members 17	Contin. member	3476,11489,11176,3478, 3479,11136,3734,3735, 3480,3736,3737,3481, 3482	2.050	
320	Continuous Members 18	Contin. member	3477,3483,6774,3484, 3738,3739,3485,11177, 9680,11117,3740,3741, 3486,3487	2.050	
321	Continuous Members 7	Contin. member	3502,3515,3504,11593, 3542,3752,11198,3517, 3754,3506,3544,3519	1.850	
322	Continuous Members 8	Contin. member	3503,3516,3505,8456, 3543,3753,3518,11178, 6920,3755,3507,3545, 3520	1.850	
323	Continuous Members 17	Contin. member	3524,11491,11179,3530, 3531,11460,3808,3748, 3532,3809,3749,3533, 3534	2.050	
324	Continuous Members 18	Contin. member	3525,3535,6798,3536, 3810,3750,3537,11180, 9695,11118,3811,3751, 3538,3539	2.050	
325	Continuous Members 5	Contin. member	3550,3559,3552,11594, 3582,11184,3561,3554, 3584,3563	1.850	
326	Continuous Members 6	Contin. member	3551,3560,3553,8457, 3583,3562,11181,6951, 3555,3585,3564	1.850	
327	Continuous Members 17	Contin. member	3568,11493,11182,3570, 3571,11461,3572-3574	2.050	
328	Continuous Members 18	Contin. member	3569,3575,6805,3576, 3577,11183,9714,11120, 3578,3579	2.050	
329	Continuous Members 7	Contin. member	3594,3603,3596,11595, 3626,11188,3605,3598, 3628,3607	1.850	
330	Continuous Members 8	Contin. member	3595,3604,3597,8458, 3627,3606,11185,6982, 3599,3629,3608	1.850	
331	Continuous Members 17	Contin. member	3612,11495,11186,3614, 3615,11462,3616-3618	2.050	
332	Continuous Members 18	Contin. member	3613,3619,6829,3620, 3621,11187,9729,11122, 3622,3623	2.050	
333	Continuous Members 7	Contin. member	3632,3641,3634,11596, 3664,3726,11196,3643, 3716,3636,3666,3645	1.850	
334	Continuous Members 8	Contin. member	3633,3642,3635,8459, 3665,3727,3644,11189, 7013,3717,3637,3667, 3646	1.850	
335	Continuous Members 17	Contin. member	3650,11497,11190,3652, 3653,11463,3718,3719, 3654,3720,3721,3655, 3656	2.050	
336	Continuous Members 18	Contin. member	3651,3657,6836,3658, 3722,3723,3659,11191, 9744,11125,3724,3725, 3660,3661	2.050	
337	Continuous Members 5	Contin. member	3672,3681,3674,11597, 9774,3704,11195,3683, 9775,3676,3706,3685	1.850	
338	Continuous Members 6	Contin. member	3673,3682,3675,8460, 3705,3684,11192,7044, 3677,3707,3686	1.850	
339	Continuous Members 17	Contin. member	3690,11499,11193,3692, 9776,3693,11464,3694, 9777,3695,3696	2.050	
340	Continuous Members 18	Contin. member	3691,3697,6860,3698, 3699,11194,9794,9778, 3700,3701	2.050	
341	Continuous Members 74	Contin. member	4483,4515,4612,9525, 4516,9523,4611,4517	1.900	
342	Continuous Members 74	Contin. member	4484,4518,4613,4506, 9494,4520,9500,4500, 4609,4519	1.900	
343	Continuous Members 17	Contin. member	3968,9257,3970,3971, 3982,3972,3983,3973, 3974	2.300	
344	Continuous Members 18	Contin. member	3969,3975,3976,10717, 3984,3977,10714,3985, 3978,3979	2.300	
345	Continuous Members 17	Contin. member	3991,10050,3993,3994,4	2.300	

1.21 SETS OF MEMBERS

Set No.	Set of Members Description	Type	Member No.	Length [m]	Comment
			4005,3995,4006,3996, 3997		
346	Continuous Members 18	Contin. member	3992,3998,3999,10716, 4007,4000,10715,4008, 4001,4002	2.300	
347	Continuous Members 17	Contin. member	4014,10645,4016,4017, 4028,4018,4029,4019, 4020	2.300	
348	Continuous Members 18	Contin. member	4015,4021,4022,10647, 4030,4023,10649,4031, 4024,4025	2.300	
349	Continuous Members 17	Contin. member	4037,10703,4039,4040, 4051,4041,4052,4042, 4043	2.300	
350	Continuous Members 18	Contin. member	4038,4044,4045,10022, 4053,4046,10704,4054, 4047,4048	2.300	
351	Continuous Members 17	Contin. member	4072,1184,4074,4075, 4086,4076,4087,4077, 4078	2.300	
352	Continuous Members 18	Contin. member	4073,4079,4080,1185, 4088,4081,1186,4089, 4082,4083	2.300	
353	Continuous Members 17	Contin. member	4095,1252,4097,4098, 4109,4099,4110,4100, 4101	2.300	
354	Continuous Members 18	Contin. member	4096,4102,4103,1253, 4111,4104,1254,4112, 4105,4106	2.300	
355	Continuous Members 17	Contin. member	4118,1393,4120,4121, 4132,4122,4133,4123, 4124	2.300	
356	Continuous Members 18	Contin. member	4119,4125,4126,1394, 4134,4127,1395,4135, 4128,4129	2.300	
357	Continuous Members 17	Contin. member	4141,1416,4143,4144, 4155,4145,4156,4146, 4147	2.300	
358	Continuous Members 18	Contin. member	4142,4148,4149,1417, 4157,4150,1432,4158, 4151,4152	2.300	
359	Continuous Members 74	Contin. member	4485,4521,4614,4507, 9495,4523,9501,4501, 4610,4522	1.900	
360	Continuous Members 74	Contin. member	4486,4524,4508,9496, 4526,9502,4502,4525	1.900	
361	Continuous Members 74	Contin. member	4487,4527,4509,9497, 4529,9503,4503,4528	1.900	
362	Continuous Members 74	Contin. member	4488,4530,4510,9498, 4532,4625,9519,4504, 4617,4531	1.900	
363	Continuous Members 74	Contin. member	4489,4533,4511,9499, 4541,4626,9520,4505, 4618,4540	1.900	
364	Continuous Members 74	Contin. member	4535,4539,4538,9504, 4627,5114,9521,4537, 4628,4621	1.900	
365	Continuous Members 74	Contin. member	5115,5118,5117,356, 5121,5123,357,5116, 5122,5120	1.900	
366	Continuous Members 92	Contin. member	4551,4640,4472,9522, 4473,4639	1.300	
367	Continuous Members 92	Contin. member	4552,4641,4577,4578, 9512,4579,4580,4642	1.300	
368	Continuous Members 92	Contin. member	4553,4643,4581,4582, 9513,4583,4584,4644	1.300	
369	Continuous Members 92	Contin. member	4554,4585,4586,9514, 4587,4588	1.300	
370	Continuous Members 92	Contin. member	4555,4589,4590,9515, 4591,4592	1.300	
371	Continuous Members 92	Contin. member	4556,4645,4593,4594, 9516,4595,4596,4646	1.300	
372	Continuous Members 92	Contin. member	4557,4647,4597,4598, 9517,4599,4600,4650	1.300	
373	Continuous Members 92	Contin. member	4558,4648,4601,9518, 4602,4651	1.300	
374	Continuous Members 92	Contin. member	4567,4649,4603,354, 4604,4652	1.300	
375	Continuous Members 6	Contin. member	4654,4662,4656,4684, 4663,4658,4686,4664	1.850	
376	Continuous Members 8	Contin. member	4655,4665,4657,4685, 4666,4659,4687,4667	1.850	
377	Continuous Members 18	Contin. member	4668,4672,4673,4863, 5275,4674,4864,5276, 4675,4676	2.050	
378	Continuous Members 18	Contin. member	4669,4677,4678,4865, 5281,4679,4866,5282, 4680,4681	2.050	
379	Continuous Members 6	Contin. member	4690,4693,4691,4703, 4694,4692,4704,4695	1.850	
380	Continuous Members 18	Contin. member	4696-4698,4861,5269, 4699,4862,5270,4700, 4701	2.050	
381	Continuous Members 8	Contin. member	4709,4714,4710,4726,4	1.850	

1.21 SETS OF MEMBERS

Set No.	Set of Members Description	Type	Member No.	Length [m]	Comment
			4715,4711,4727,4716		
382	Continuous Members 18	Contin. member	4717,4720,4721,4867, 5287,4722,4868,5288, 4723,4724	2.050	
383	Continuous Members 8	Contin. member	4729,4734,4730,4746, 4735,4731,4747,4736	1.850	
384	Continuous Members 18	Contin. member	4737,4740,4741,4869, 5297,4742,4870,5298, 4743,4744	2.050	
385	Continuous Members 8	Contin. member	4749,4752,4750,4762, 4753,4751,4763,4754	1.850	
386	Continuous Members 18	Contin. member	4755-4757,4871,5299, 4758,4872,5300,4759, 4760	2.050	
387	Continuous Members 6	Contin. member	4770,4773,4771,4783, 4774,4772,4784,4775	1.850	
388	Continuous Members 18	Contin. member	4776-4778,5345,5346, 4779,5347,5348,4780, 4781	2.050	
389	Continuous Members 8	Contin. member	4789,4794,4790,4806, 4795,4791,4807,4796	1.850	
390	Continuous Members 18	Contin. member	4797,4800,4801,5361, 5362,4802,5363,5364, 4803,4804	2.050	
391	Continuous Members 6	Contin. member	4810,4813,4811,7505, 4823,4814,7523,4812, 4824,4815	1.850	
392	Continuous Members 18	Contin. member	4816,4817,7533,4818, 5377,5378,4819,7542, 5379,5380,4820,4821	2.050	
393	Continuous Members 8	Contin. member	4829,4832,4830,4842, 4833,4831,4843,4834	1.850	
394	Continuous Members 18	Contin. member	4835-4837,5313,5314, 4838,5315,5316,4839, 4840	2.050	
395	Continuous Members 8	Contin. member	4845,4848,4846,4858, 4849,4847,4859,4850	1.850	
396	Continuous Members 18	Contin. member	4851-4853,5329,5330, 4854,5331,5332,4855, 4856	2.050	
397	Continuous Members 397	Contin. member	5439,5546,5491,5548, 11933,5549	1.200	
398	Continuous Members 398	Contin. member	5440,5547,5492,5550, 11945,5493	1.200	
399	Continuous Members 397	Contin. member	5445,5553,5512,5494, 5551,5514	1.200	
400	Continuous Members 398	Contin. member	5446,5554,5555,5495, 5552,5496	1.200	
401	Continuous Members 397	Contin. member	5453,5558,5513,5497, 5556,5515	1.200	
402	Continuous Members 398	Contin. member	5454,5559,5564,5498, 5557,5569,5499	1.200	
403	Continuous Members 397	Contin. member	5461,5560,5500,5565	1.200	
404	Continuous Members 398	Contin. member	5462,5561,5501,5566, 5502	1.200	
405	Continuous Members 397	Contin. member	5469,5562,5503,5567	1.200	
406	Continuous Members 398	Contin. member	5470,5563,5504,5568, 5505	1.200	
407	Continuous Members 397	Contin. member	5477,5506	1.200	
408	Continuous Members 398	Contin. member	5478,5507,5508	1.200	
409	Continuous Members 397	Contin. member	5485,5509	1.200	
410	Continuous Members 398	Contin. member	5486,5510,5511	1.200	
411	Continuous Members 397	Contin. member	5584,5628,5605,5629, 11793,5630	1.200	
412	Continuous Members 397	Contin. member	5587,5632,5612,5606, 5631,5614	1.200	
413	Continuous Members 397	Contin. member	5590,5634,5613,5607, 5633,5615	1.200	
414	Continuous Members 397	Contin. member	5593,5635,5608,5637	1.200	
415	Continuous Members 397	Contin. member	5596,5636,5609,5638	1.200	
416	Continuous Members 397	Contin. member	5599,5610	1.200	
417	Continuous Members 397	Contin. member	5602,5611	1.200	
418	Continuous Members 418	Contin. member	5655,11764,5768,5769	1.200	
419	Continuous Members 418	Contin. member	5659,5694,5774,5688, 5772	1.200	
420	Continuous Members 418	Contin. member	5663,5695,5777,5689, 5776	1.200	
421	Continuous Members 418	Contin. member	5667,5696,5690	1.200	
422	Continuous Members 418	Contin. member	5671,5697,5691	1.200	
423	Continuous Members 418	Contin. member	5675,5698,5692	1.200	
424	Continuous Members 418	Contin. member	5679,5699,5693	1.200	
425	Continuous Members 418	Contin. member	5713,11762,5770,5771	1.200	
426	Continuous Members 418	Contin. member	5717,5752,5775,5746, 5773	1.200	
427	Continuous Members 418	Contin. member	5721,5753,5779,5747, 5778	1.200	
428	Continuous Members 418	Contin. member	5725,5754,5748	1.200	
429	Continuous Members 418	Contin. member	5729,5755,5749	1.200	
430	Continuous Members 418	Contin. member	5733,5756,5750	1.200	
431	Continuous Members 418	Contin. member	5737,5757,5751	1.200	
432	Continuous Members 418	Contin. member	5783,5975,5792,5977, 5790,5976	1.200	
433	Continuous Members 418	Contin. member	5787,5981,5793,5983, 5791,5982	1.200	

1.21 SETS OF MEMBERS

Set No.	Set of Members Description	Type	Member No.	Length [m]	Comment
434	Continuous Members 418	Contin. member	5797,5978,5806,5980, 5804,5979	1.200	
435	Continuous Members 418	Contin. member	5801,5984,5807,5986, 5805,5985	1.200	
436	Continuous Members 418	Contin. member	5815,5810,5817,5825, 5816,5811	1.200	
437	Continuous Members 418	Contin. member	5821,5972,5823,5974, 5822,5973	1.200	
438	Continuous Members 418	Contin. member	5829,5833,5832	1.200	
439	Continuous Members 418	Contin. member	5837,5841,5840	1.200	
440	Continuous Members 418	Contin. member	5847,11860,5851,5850, 8208	1.200	
441	Continuous Members 418	Contin. member	5855,11861,5859,5858, 8209	1.200	
442	Continuous Members 418	Contin. member	5865,11862,5867,5866, 8213	1.200	
443	Continuous Members 418	Contin. member	5871,11863,5873,5872, 8214	1.200	
444	Continuous Members 418	Contin. member	5879,5881,5880	1.200	
445	Continuous Members 418	Contin. member	5885,5887,5886	1.200	
446	Continuous Members 418	Contin. member	5893,5895,5894	1.200	
447	Continuous Members 418	Contin. member	5899,5901,5900	1.200	
448	Continuous Members 418	Contin. member	5907,5909,5908	1.200	
449	Continuous Members 418	Contin. member	5913,5915,5914	1.200	
450	Continuous Members 418	Contin. member	5921,5923,5922	1.200	
451	Continuous Members 418	Contin. member	5927,5929,5928	1.200	
452	Continuous Members 418	Contin. member	10874,10879,11850, 11849,10875	1.200	
453	Continuous Members 418	Contin. member	10990,10992,11853, 11852,10991	1.200	
454	Continuous Members 418	Contin. member	6019,6209,6028,6211, 6026,6210	1.200	
455	Continuous Members 418	Contin. member	6023,6215,6029,6217, 6027,6216	1.200	
456	Continuous Members 418	Contin. member	6033,6212,6042,6214, 6040,6213	1.200	
457	Continuous Members 418	Contin. member	6037,6218,6043,6220, 6041,6219	1.200	
458	Continuous Members 418	Contin. member	6051,6046,6053,6061, 6052,6047	1.200	
459	Continuous Members 418	Contin. member	6057,6206,6059,6208, 6058,6207	1.200	
460	Continuous Members 418	Contin. member	6065,6069,6068	1.200	
461	Continuous Members 418	Contin. member	6073,6077,6076	1.200	
462	Continuous Members 418	Contin. member	6083,6087,6086,8212	1.200	
463	Continuous Members 418	Contin. member	6091,11864,6095,6094, 8210	1.200	
464	Continuous Members 418	Contin. member	6101,11865,6103,6102, 11761	1.200	
465	Continuous Members 418	Contin. member	6107,11866,6109,6108, 8215	1.200	
466	Continuous Members 418	Contin. member	6114,6116,6115	1.200	
467	Continuous Members 418	Contin. member	6120,6122,6121	1.200	
468	Continuous Members 418	Contin. member	6127,6129,6128	1.200	
469	Continuous Members 418	Contin. member	6133,6135,6134	1.200	
470	Continuous Members 418	Contin. member	6141,6143,6142	1.200	
471	Continuous Members 418	Contin. member	6147,6149,6148	1.200	
472	Continuous Members 418	Contin. member	6155,6157,6156	1.200	
473	Continuous Members 418	Contin. member	6161,6163,6162	1.200	
474	Continuous Members 418	Contin. member	11008,11010,11856, 11855,11009	1.200	
475	Continuous Members 418	Contin. member	11014,11016,11859, 11858,11015	1.200	
476	Continuous Members 476	Contin. member	6255,6347,6348,8909, 6349,8910,6350,6351	1.800	
477	Continuous Members 477	Contin. member	6260,6292,6352,8911, 6353,8912,6354,6355	1.800	
478	Continuous Members 478	Contin. member	6256,6392,6364,8913, 6393,6365	1.200	
479	Continuous Members 479	Contin. member	6261,6380,6366,8914, 6382,6367	1.200	
480	Continuous Members 476	Contin. member	6265,6337,6338,8915, 6339,8916,6340,6341	1.800	
481	Continuous Members 477	Contin. member	6270,6342,6343,8917, 6344,8918,6345,6346	1.800	
482	Continuous Members 478	Contin. member	6266,6394,6368,8919, 6395,6369	1.200	
483	Continuous Members 479	Contin. member	6271,6381,6370,8920, 6383,6371	1.200	
484	Continuous Members 476	Contin. member	6275,8927,8921-8923, 3056,8924,6319,8929, 6320,6321	1.800	
485	Continuous Members 477	Contin. member	6280,8928,6322,8930, 8925,3208,8926,6324, 8931,6325,6326	1.800	
486	Continuous Members 478	Contin. member	6276,6396,6372,8932, 6398,6373	1.200	
487	Continuous Members 479	Contin. member	6281,6397,6374,8933, 6399,6375	1.200	
488	Continuous Members 476	Contin. member	6285,8934,3016,6328, 8936,6329,3225,3024, 6330,6331	1.800	
489	Continuous Members 477	Contin. member	6290,8935,3064,6333, 8937,6334,3282,6317,6	1.800	

1.21 SETS OF MEMBERS

Set No.	Set of Members Description	Type	Member No.	Length [m]	Comment
			6335,6336		
490	Continuous Members 478	Contin. member	6286,6404,6376,3290, 6318,6406,6377	1.200	
491	Continuous Members 479	Contin. member	6291,6405,6378,3330, 6323,6407,6379	1.200	
492	Continuous Members 476	Contin. member	6411,6503,6504,3228, 6505,9061,6506,6507	1.800	
493	Continuous Members 477	Contin. member	6416,6448,6508,9066, 6509,9067,6510,6511	1.800	
494	Continuous Members 478	Contin. member	6412,6548,6520,9062, 6549,6521	1.200	
495	Continuous Members 479	Contin. member	6417,6536,6522,9068, 6538,6523	1.200	
496	Continuous Members 476	Contin. member	6421,6493,6494,9075, 6495,9076,6496,6497	1.800	
497	Continuous Members 477	Contin. member	6426,6498,6499,9072, 6500,9073,6501,6502	1.800	
498	Continuous Members 478	Contin. member	6422,6550,6524,9077, 6551,6525	1.200	
499	Continuous Members 479	Contin. member	6427,6537,6526,9074, 6539,6527	1.200	
500	Continuous Members 476	Contin. member	6431,9214,6473,9216, 6474,9218,9078,6475, 9079,6476,6477	1.800	
501	Continuous Members 477	Contin. member	6436,9206,6478,9208, 6479,9213,3211,6480, 9081,6481,6482	1.800	
502	Continuous Members 478	Contin. member	6432,6552,6528,9080, 6554,6529	1.200	
503	Continuous Members 479	Contin. member	6437,6553,6530,9082, 6555,6531	1.200	
504	Continuous Members 476	Contin. member	6441,3648,6483,6484, 9085,6485,3688,9083, 6486,6487	1.800	
505	Continuous Members 477	Contin. member	6446,3680,6488,6489, 9088,6490,5397,9086, 6491,6492	1.800	
506	Continuous Members 478	Contin. member	6442,6560,6532,5398, 9084,6562,6533	1.200	
507	Continuous Members 479	Contin. member	6447,6561,6534,5399, 9087,6563,6535	1.200	
508	Continuous Members 476	Contin. member	7084,8533,8534,8899, 8541,8900,8542,8543	1.800	
509	Continuous Members 477	Contin. member	7086,7088,8544,8903, 8545,8906,8546,8547	1.800	
510	Continuous Members 476	Contin. member	8549,8564,8565,8893, 8566,8894,8567,8568	1.800	
511	Continuous Members 477	Contin. member	8551,8552,8569,8895, 8570,8896,8571,8572	1.800	
512	Continuous Members 476	Contin. member	8577,363,8594,506, 8595,509,8887,8596, 8888,8597,8598	1.800	
513	Continuous Members 477	Contin. member	8585,359,8586,505, 8599,10023,8892,8602, 8889,8605,8606	1.800	
514	Continuous Members 476	Contin. member	8608,8882,8628,8629, 8883,8630,362,8880, 8631,8632	1.800	
515	Continuous Members 477	Contin. member	8610,360,8611,8633, 8884,8634,10016,8885, 8635,8636	1.800	
516	Continuous Members 478	Contin. member	8637,8655,8641,8907, 8656,8642	1.200	
517	Continuous Members 479	Contin. member	8638,8649,8645,8908, 8650,8648	1.200	
518	Continuous Members 478	Contin. member	8657,8680,8670,8897, 8681,8671	1.200	
519	Continuous Members 479	Contin. member	8658,8674,8672,8898, 8675,8673	1.200	
520	Continuous Members 478	Contin. member	8682,8700,8688,8890, 8701,8691	1.200	
521	Continuous Members 479	Contin. member	8683,8694,8692,8891, 8695,8693	1.200	
522	Continuous Members 478	Contin. member	8705,8725,8715,508, 8881,8726,8716	1.200	
523	Continuous Members 479	Contin. member	8706,8719,8717,10024, 8886,8720,8718	1.200	
524	Continuous Members 524	Contin. member	10032,514,515,590	1.583	
525	Continuous Members 525	Contin. member	10034,614	0.150	
526	Continuous Members 526	Contin. member	10031,511,512	1.007	
527	Continuous Members 527	Contin. member	10033,591	0.700	
528	Continuous Members 524	Contin. member	10036,2587,2601,2604	1.583	
529	Continuous Members 525	Contin. member	10038,2666	0.150	
530	Continuous Members 526	Contin. member	10035,615,2584	1.007	
531	Continuous Members 527	Contin. member	10037,2658	0.700	
532	Continuous Members 524	Contin. member	10065,2752,2760,2794	1.583	
533	Continuous Members 525	Contin. member	10067,2842	0.150	
534	Continuous Members 526	Contin. member	10064,2706,2714	1.007	
535	Continuous Members 527	Contin. member	10066,2802	0.700	
536	Continuous Members 524	Contin. member	10069,2898,2934,2942	1.583	
537	Continuous Members 525	Contin. member	10071,2986	0.150	
538	Continuous Members 526	Contin. member	10068,2850,2890	1.007	
539	Continuous Members 527	Contin. member	10070,2978	0.700	
540	Continuous Members 524	Contin. member	10098,3384,3418,3426	1.583	
541	Continuous Members 525	Contin. member	10100,3474	0.150	

1.21 SETS OF MEMBERS

Set No.	Set of Members Description	Type	Member No.	Length [m]	Comment
542	Continuous Members 526	Contin. member	10097,3338,3376	1.007	
543	Continuous Members 527	Contin. member	10099,3466	0.700	
544	Continuous Members 524	Contin. member	10102,3558,3566,3602	1.583	
545	Continuous Members 525	Contin. member	10104,3640	0.150	
546	Continuous Members 526	Contin. member	10101,3514,3522	1.007	
547	Continuous Members 527	Contin. member	10103,3610	0.700	
548	Continuous Members 548	Contin. member	10112,5401,5402	0.850	
549	Continuous Members 549	Contin. member	10114,5958,5959	1.200	
550	Continuous Members 550	Contin. member	10116,5960,5961	0.850	
551	Continuous Members 551	Contin. member	10118,5964,5968	1.200	
552	Continuous Members 552	Contin. member	10113,5403,5404	0.800	
553	Continuous Members 553	Contin. member	10115,5400	0.590	
554	Continuous Members 554	Contin. member	10117,5962,5963	0.800	
555	Continuous Members 555	Contin. member	10119,5969	0.590	
556	Continuous Members 548	Contin. member	10127,5971,5995	0.850	
557	Continuous Members 549	Contin. member	10129,6192,6193	1.200	
558	Continuous Members 552	Contin. member	10128,5996,5997	0.800	
559	Continuous Members 553	Contin. member	10130,5970	0.590	
560	Continuous Members 548	Contin. member	10138,6195,6196	0.850	
561	Continuous Members 549	Contin. member	10140,6202,6203	1.200	
562	Continuous Members 552	Contin. member	10139,6197,6198	0.800	
563	Continuous Members 553	Contin. member	10141,6194	0.590	
564	Continuous Members 548	Contin. member	10149,6205,6229	0.850	
565	Continuous Members 549	Contin. member	10151,8007,8032	1.200	
566	Continuous Members 552	Contin. member	10150,6230,6231	0.800	
567	Continuous Members 553	Contin. member	10152,6204	0.590	
568	Continuous Members 548	Contin. member	10160,8052,8053	0.850	
569	Continuous Members 549	Contin. member	10162,8316,8320	1.200	
570	Continuous Members 552	Contin. member	10161,8069,8315	0.800	
571	Continuous Members 553	Contin. member	10163,8051	0.590	
572	Continuous Members 548	Contin. member	10171,8322,8323	0.850	
573	Continuous Members 549	Contin. member	10173,8326,8328	1.200	
574	Continuous Members 552	Contin. member	10172,8324,8325	0.800	
575	Continuous Members 553	Contin. member	10174,8321	0.590	
576	Continuous Members 548	Contin. member	10182,8337,8338	0.850	
577	Continuous Members 549	Contin. member	10184,8353,8354	1.200	
578	Continuous Members 552	Contin. member	10183,8340,8341	0.800	
579	Continuous Members 553	Contin. member	10185,8336	0.590	
580	Continuous Members 548	Contin. member	10274,8939,8940	0.850	
581	Continuous Members 549	Contin. member	10276,8943,8946	1.200	
582	Continuous Members 552	Contin. member	10275,8941	0.800	
583	Continuous Members 553	Contin. member	10277,8938	0.590	
584	Continuous Members 548	Contin. member	10278,8950,8951	0.850	
585	Continuous Members 549	Contin. member	10280,8954,8955	1.200	
586	Continuous Members 552	Contin. member	10279,8952	0.800	
587	Continuous Members 553	Contin. member	10281,8949	0.590	
588	Continuous Members 548	Contin. member	10282,8957,8958	0.850	
589	Continuous Members 549	Contin. member	10284,8961,8962	1.200	
590	Continuous Members 552	Contin. member	10283,8959	0.800	
591	Continuous Members 553	Contin. member	10285,8956	0.590	
592	Continuous Members 548	Contin. member	10286,8964,8965	0.850	
593	Continuous Members 549	Contin. member	10288,8968,8969	1.200	
594	Continuous Members 552	Contin. member	10287,8966	0.800	
595	Continuous Members 553	Contin. member	10289,8963	0.590	
596	Continuous Members 548	Contin. member	10290,8971,8972	0.850	
597	Continuous Members 549	Contin. member	10292,8975,8976	1.200	
598	Continuous Members 552	Contin. member	10291,8973	0.800	
599	Continuous Members 553	Contin. member	10293,8970	0.590	
600	Continuous Members 548	Contin. member	10294,8978,8979	0.850	
601	Continuous Members 549	Contin. member	10296,8982,8983	1.200	
602	Continuous Members 552	Contin. member	10295,8980	0.800	
603	Continuous Members 553	Contin. member	10297,8977	0.590	
604	Continuous Members 548	Contin. member	10298,8985,8986	0.850	
605	Continuous Members 549	Contin. member	10300,8993,8994	1.200	
606	Continuous Members 552	Contin. member	10299,8989	0.800	
607	Continuous Members 553	Contin. member	10301,8984	0.590	
608	Continuous Members 548	Contin. member	10302,8996,8997	0.850	
609	Continuous Members 549	Contin. member	10304,9000,9001	1.200	
610	Continuous Members 552	Contin. member	10303,8998	0.800	
611	Continuous Members 553	Contin. member	10305,8995	0.590	
612	Continuous Members 548	Contin. member	10193,6332,8355	0.850	
613	Continuous Members 549	Contin. member	10195,8361,8362	1.200	
614	Continuous Members 552	Contin. member	10194,8359	0.800	
615	Continuous Members 553	Contin. member	10196,6327	0.590	
616	Continuous Members 548	Contin. member	10197,8364,8411	0.850	
617	Continuous Members 549	Contin. member	10199,8425,8437	1.200	
618	Continuous Members 552	Contin. member	10198,8412	0.800	
619	Continuous Members 553	Contin. member	10200,8363	0.590	
620	Continuous Members 548	Contin. member	10222,8508,8510	0.850	
621	Continuous Members 549	Contin. member	10231,8806,8807	1.200	
622	Continuous Members 552	Contin. member	10230,8522	0.800	
623	Continuous Members 553	Contin. member	10232,8438	0.590	
624	Continuous Members 548	Contin. member	10254,8809,8813	0.850	
625	Continuous Members 549	Contin. member	10263,8820,8821	1.200	
626	Continuous Members 552	Contin. member	10255,8814	0.800	
627	Continuous Members 553	Contin. member	10264,8808	0.590	
628	Continuous Members 548	Contin. member	10332,9032,9035	0.850	
629	Continuous Members 549	Contin. member	10334,9038,9039	1.200	
630	Continuous Members 552	Contin. member	10333,9036	0.800	
631	Continuous Members 553	Contin. member	10335,9029	0.590	
632	Continuous Members 548	Contin. member	10336,9041,9042	0.850	
633	Continuous Members 549	Contin. member	10338,9045,9046	1.200	
634	Continuous Members 552	Contin. member	10337,9043	0.800	
635	Continuous Members 553	Contin. member	10339,9040	0.590	

1.21 SETS OF MEMBERS

Set No.	Set of Members Description	Type	Member No.	Length [m]	Comment
636	Continuous Members 548	Contin. member	10340,9048,9049	0.850	
637	Continuous Members 549	Contin. member	10342,9052,9053	1.200	
638	Continuous Members 552	Contin. member	10341,9050	0.800	
639	Continuous Members 553	Contin. member	10343,9047	0.590	
640	Continuous Members 548	Contin. member	10344,9055,9056	0.850	
641	Continuous Members 549	Contin. member	10346,9059,9060	1.200	
642	Continuous Members 552	Contin. member	10345,9057	0.800	
643	Continuous Members 553	Contin. member	10347,9054	0.590	
644	Continuous Members 1	Contin. member	9091,10577,9106	1.080	
645	Continuous Members 2	Contin. member	9092,9289,10657,9290, 10658,9291	2.000	
646	Continuous Members 3	Contin. member	9093,10578,9292,9293	1.340	
647	Continuous Members 2	Contin. member	9094,10579,9294-9296	2.000	
648	Continuous Members 2	Contin. member	9095,9297-9299	2.000	
649	Continuous Members 2	Contin. member	9096,9300-9302	2.000	
650	Continuous Members 2	Contin. member	9097,9303-9305	2.000	
651	Continuous Members 1	Contin. member	9098,10580,9107	1.080	
652	Continuous Members 2	Contin. member	9099,9306,10659,9307, 10660,9308	2.000	
653	Continuous Members 3	Contin. member	9100,9309,10661,9310	1.340	
654	Continuous Members 2	Contin. member	9101,9311,9312,10662, 9313	2.000	
655	Continuous Members 2	Contin. member	9102,9314-9316	2.000	
656	Continuous Members 2	Contin. member	9103,9317-9319	2.000	
657	Continuous Members 2	Contin. member	9104,9320-9322	2.000	
658	Continuous Members 1	Contin. member	9114,10581,9129	1.080	
659	Continuous Members 2	Contin. member	9115,9323,10663,9324, 10664,9325	2.000	
660	Continuous Members 3	Contin. member	9116,10582,9326,9327	1.340	
661	Continuous Members 2	Contin. member	9117,10583,9328-9330	2.000	
662	Continuous Members 2	Contin. member	9118,9331-9333	2.000	
663	Continuous Members 2	Contin. member	9119,9334-9336	2.000	
664	Continuous Members 2	Contin. member	9120,9337-9339	2.000	
665	Continuous Members 1	Contin. member	9121,10584,9130	1.080	
666	Continuous Members 2	Contin. member	9122,9340,10665,9341, 10666,9342	2.000	
667	Continuous Members 3	Contin. member	9123,9343,10667,9344	1.340	
668	Continuous Members 2	Contin. member	9124,9345,9346,10668, 9347	2.000	
669	Continuous Members 2	Contin. member	9125,9348-9350	2.000	
670	Continuous Members 2	Contin. member	9126,9351-9353	2.000	
671	Continuous Members 2	Contin. member	9127,9418,9419,9427	2.000	
672	Continuous Members 1	Contin. member	9137,10585,9152	1.080	
673	Continuous Members 2	Contin. member	9138,9428,10669,9436, 10670,9437	2.000	
674	Continuous Members 3	Contin. member	9139,10586,9463,9464	1.340	
675	Continuous Members 2	Contin. member	9140,10587,9474,9484, 9683	2.000	
676	Continuous Members 2	Contin. member	9141,9700,9755,9954	2.000	
677	Continuous Members 2	Contin. member	9142,9955-9957	2.000	
678	Continuous Members 2	Contin. member	9143,9958-9960	2.000	
679	Continuous Members 1	Contin. member	9144,10588,9153	1.080	
680	Continuous Members 2	Contin. member	9145,9961,10671,9962, 10672,9992	2.000	
681	Continuous Members 3	Contin. member	9146,9993,10673,9994	1.340	
682	Continuous Members 2	Contin. member	9147,9995,9996,10674, 9997	2.000	
683	Continuous Members 2	Contin. member	9148,9998-10000	2.000	
684	Continuous Members 2	Contin. member	9149,10348-10350	2.000	
685	Continuous Members 2	Contin. member	9150,10351-10353	2.000	
686	Continuous Members 1	Contin. member	9160,10589,9175	1.080	
687	Continuous Members 2	Contin. member	9161,10354,10675, 10355,10676,10356	2.000	
688	Continuous Members 3	Contin. member	9162,10590,10357,10358	1.340	
689	Continuous Members 2	Contin. member	9163,10591,10359-10361	2.000	
690	Continuous Members 2	Contin. member	9164,10362-10364	2.000	
691	Continuous Members 2	Contin. member	9165,10365-10367	2.000	
692	Continuous Members 2	Contin. member	9166,10368-10370	2.000	
693	Continuous Members 1	Contin. member	9167,10592,9176	1.080	
694	Continuous Members 2	Contin. member	9168,10371,10677, 10372,10678,10373	2.000	
695	Continuous Members 3	Contin. member	9169,10374,10679,10375	1.340	
696	Continuous Members 2	Contin. member	9170,10376,10377, 10680,10378	2.000	
697	Continuous Members 2	Contin. member	9171,10379-10381	2.000	
698	Continuous Members 2	Contin. member	9172,10382-10384	2.000	
699	Continuous Members 2	Contin. member	9173,10385-10387	2.000	
700	Continuous Members 1	Contin. member	9183,10593,9198	1.080	
701	Continuous Members 2	Contin. member	9184,10388,10681, 10389,10682,10390	2.000	
702	Continuous Members 3	Contin. member	9185,10594,10391,10392	1.340	
703	Continuous Members 2	Contin. member	9186,10595,10393-10395	2.000	
704	Continuous Members 2	Contin. member	9187,10396-10398	2.000	
705	Continuous Members 2	Contin. member	9188,10399-10401	2.000	
706	Continuous Members 2	Contin. member	9189,10402-10404	2.000	
707	Continuous Members 1	Contin. member	9190,10596,9199	1.080	
708	Continuous Members 2	Contin. member	9191,10405,10683, 10406,10684,10407	2.000	
709	Continuous Members 3	Contin. member	9192,10408,10685,10409	1.340	
710	Continuous Members 2	Contin. member	9193,10410,10411, 10686,10412	2.000	
711	Continuous Members 2	Contin. member	9194,10413-10415	2.000	
712	Continuous Members 2	Contin. member	9195,10416-10418	2.000	
713	Continuous Members 2	Contin. member	9196,10419-10421	2.000	

1.21 SETS OF MEMBERS

Set No.	Set of Members Description	Type	Member No.	Length [m]	Comment
724	Continuous Members 81	Contin. member	10500,10754-10756	1.470	
725	Continuous Members 82	Contin. member	10502,10759,10760	1.200	
726	Continuous Members 83	Contin. member	10504,10765-10767	1.470	
727	Continuous Members 84	Contin. member	10506,10770,10771	1.200	
728	Continuous Members 85	Contin. member	10508,10776-10778	1.470	
729	Continuous Members 86	Contin. member	10510,10781,10782	1.200	
730	Continuous Members 87	Contin. member	10512,10787-10789	1.470	
731	Continuous Members 88	Contin. member	10514,10792,10793	1.200	
732	Continuous Members 89	Contin. member	10516,10798-10800	1.470	
733	Continuous Members 90	Contin. member	10518,10803,10804	1.200	
734	Continuous Members 91	Contin. member	10520,10809	0.500	
735	Continuous Members 92	Contin. member	10521,10810	0.500	
736	Continuous Members 93	Contin. member	10522,10811	0.500	
737	Continuous Members 94	Contin. member	10523,10812	0.500	
738	Continuous Members 95	Contin. member	10524,10813	0.500	
739	Continuous Members 96	Contin. member	10501,10757,10758	1.200	
740	Continuous Members 97	Contin. member	10503,10761-10764	2.000	
741	Continuous Members 98	Contin. member	10505,10768,10769	1.200	
742	Continuous Members 99	Contin. member	10507,10772-10775	2.000	
743	Continuous Members 100	Contin. member	10509,10779,10780	1.200	
744	Continuous Members 101	Contin. member	10511,10783-10786	2.000	
745	Continuous Members 102	Contin. member	10513,11765,10790, 10791	1.200	
746	Continuous Members 103	Contin. member	10515,10794-10797	2.000	
747	Continuous Members 104	Contin. member	10517,10801,10802	1.200	
748	Continuous Members 105	Contin. member	10519,10805-10808	2.000	
749	Continuous Members 749	Contin. member	10833,9266	0.933	
750	Continuous Members 750	Contin. member	10834,10057	0.933	
751	Continuous Members 751	Contin. member	10835,10651	0.933	
752	Continuous Members 752	Contin. member	10836,10705	0.933	
753	Continuous Members 753	Contin. member	10838,9275,10011	0.933	
754	Continuous Members 754	Contin. member	10840,10080,10083	0.933	
755	Continuous Members 755	Contin. member	10842,10656,10687	0.933	
756	Continuous Members 756	Contin. member	10844,10708,10709	0.933	
757	Continuous Members 757	Contin. member	10837,9268,9273	0.933	
758	Continuous Members 758	Contin. member	10839,10060,10063	0.933	
759	Continuous Members 759	Contin. member	10841,10652,10654	0.933	
760	Continuous Members 760	Contin. member	10843,10706,10707	0.933	
761	Continuous Members 761	Contin. member	10886,1171	0.933	
762	Continuous Members 762	Contin. member	10887,1172	0.933	
763	Continuous Members 763	Contin. member	10888,1397	0.933	
764	Continuous Members 764	Contin. member	10889,1444	0.933	
765	Continuous Members 765	Contin. member	10891,1175,1176	0.933	
766	Continuous Members 766	Contin. member	10893,1179,1180	0.933	
767	Continuous Members 767	Contin. member	10895,1400,1401	0.933	
768	Continuous Members 768	Contin. member	10897,1457,1474	0.933	
769	Continuous Members 769	Contin. member	10890,1173,1174	0.933	
770	Continuous Members 770	Contin. member	10892,1177,1178	0.933	
771	Continuous Members 771	Contin. member	10894,1398,1399	0.933	
772	Continuous Members 772	Contin. member	10896,1445,1456	0.933	
773	Continuous Members 773	Contin. member	7793,7810,7846	0.800	
774	Continuous Members 774	Contin. member	7870,7887,7904	0.800	
775	Continuous Members 775	Contin. member	7909,7926,7943	0.800	
776	Continuous Members 776	Contin. member	7948,7965,7982	0.800	
777	Continuous Members 777	Contin. member	8006,8023,8059	0.800	
778	Continuous Members 778	Contin. member	8083,8100,8117	0.800	
779	Continuous Members 779	Contin. member	8122,8139,8156	0.800	
780	Continuous Members 780	Contin. member	8161,8178,8195	0.800	
781	Continuous Members 781	Contin. member	8219,8236,8272	0.800	
782	Continuous Members 782	Contin. member	8296,8313,8330	0.800	
783	Continuous Members 783	Contin. member	8335,8352,8369	0.800	
784	Continuous Members 784	Contin. member	8374,8410,8427	0.800	
785	Continuous Members 785	Contin. member	9528,9539,9550,11763	0.800	
786	Continuous Members 786	Contin. member	9564,9575,9577	0.800	
787	Continuous Members 787	Contin. member	9582,9593,9595	0.800	
788	Continuous Members 788	Contin. member	9600	0.110	
789	Continuous Members 789	Contin. member	9659	0.500	
790	Continuous Members 790	Contin. member	8022,8058	0.800	
791	Continuous Members 791	Contin. member	8099,8116	0.800	
792	Continuous Members 792	Contin. member	8138,8155	0.800	
793	Continuous Members 793	Contin. member	8177,8194	0.800	
794	Continuous Members 794	Contin. member	8235,8271	0.800	
795	Continuous Members 795	Contin. member	8312,8329	0.800	
796	Continuous Members 796	Contin. member	8351,8368	0.800	
797	Continuous Members 797	Contin. member	8409,8426	0.800	
798	Continuous Members 798	Contin. member	8005,8020,8021,8060	1.200	
799	Continuous Members 799	Contin. member	8082,8097,8098,8118	1.200	
800	Continuous Members 800	Contin. member	8121,8136,8137,8157	1.200	
801	Continuous Members 801	Contin. member	8160,8175,8176,8196	1.200	
802	Continuous Members 802	Contin. member	8218,8233,8234,8273	1.200	
803	Continuous Members 803	Contin. member	8295,8310,8311,8331	1.200	
804	Continuous Members 804	Contin. member	8334,8349,8350,8370	1.200	
805	Continuous Members 805	Contin. member	8373,8388,8389,8428	1.200	
806	Continuous Members 806	Contin. member	8004,8019	0.800	
807	Continuous Members 807	Contin. member	8081,8096	0.800	
808	Continuous Members 808	Contin. member	8120,8135	0.800	
809	Continuous Members 809	Contin. member	8159,8174	0.800	
810	Continuous Members 810	Contin. member	8217,8232	0.800	
811	Continuous Members 811	Contin. member	8294,8309	0.800	
812	Continuous Members 812	Contin. member	8333,8348	0.800	
813	Continuous Members 813	Contin. member	8372,8387	0.800	
814	Continuous Members 814	Contin. member	8017,8018,8061	0.800	
815	Continuous Members 815	Contin. member	8094,8095,8119	0.800	
816	Continuous Members 816	Contin. member	8133,8134,8158	0.800	

1.21 SETS OF MEMBERS

Set No.	Set of Members Description	Type	Member No.	Length [m]	Comment
817	Continuous Members 817	Contin. member	8172,8173,8197	0.800	
818	Continuous Members 818	Contin. member	8230,8231,8274	0.800	
819	Continuous Members 819	Contin. member	8307,8308,8332	0.800	
820	Continuous Members 820	Contin. member	8346,8347,8371	0.800	
821	Continuous Members 821	Contin. member	8385,8386,8429	0.800	
822	Continuous Members 822	Contin. member	7804,7805,7848	0.800	
823	Continuous Members 823	Contin. member	7881,7882,7906	0.800	
824	Continuous Members 824	Contin. member	7920,7921,7945	0.800	
825	Continuous Members 825	Contin. member	7959,7960,7984	0.800	
826	Continuous Members 826	Contin. member	9533,9534,9552	0.800	
827	Continuous Members 827	Contin. member	9569,9570,9579	0.800	
828	Continuous Members 828	Contin. member	9587,9588,9597	0.800	
829	Continuous Members 829	Contin. member	9605	0.210	
830	Continuous Members 830	Contin. member	9655	0.500	
831	Continuous Members 831	Contin. member	9663	0.090	
832	Continuous Members 832	Contin. member	7791,7806	0.800	
833	Continuous Members 833	Contin. member	7868,7883	0.800	
834	Continuous Members 834	Contin. member	7907,7922	0.800	
835	Continuous Members 835	Contin. member	7946,7961	0.800	
836	Continuous Members 836	Contin. member	9526,9535	0.800	
837	Continuous Members 837	Contin. member	9562,9571	0.800	
838	Continuous Members 838	Contin. member	9580,9589	0.800	
839	Continuous Members 839	Contin. member	9598	0.410	
840	Continuous Members 840	Contin. member	9656	0.390	
841	Continuous Members 841	Contin. member	7792,7807,7808,7847	1.200	
842	Continuous Members 842	Contin. member	7869,7884,7885,7905	1.200	
843	Continuous Members 843	Contin. member	7908,7923,7924,7944	1.200	
844	Continuous Members 844	Contin. member	7947,7962,7963,7983	1.200	
845	Continuous Members 845	Contin. member	9527,9536,9537,9551	1.200	
846	Continuous Members 846	Contin. member	9563,9572,9573,9578	1.200	
847	Continuous Members 847	Contin. member	9581,9590,9591,9596	1.200	
848	Continuous Members 848	Contin. member	9662,9658,9657,9599	1.200	
849	Continuous Members 849	Contin. member	7809,7845	0.800	
850	Continuous Members 850	Contin. member	7886,7903	0.800	
851	Continuous Members 851	Contin. member	7925,7942	0.800	
852	Continuous Members 852	Contin. member	7964,7981	0.800	
853	Continuous Members 853	Contin. member	9538,9549	0.800	
854	Continuous Members 854	Contin. member	9574,9576	0.800	
855	Continuous Members 855	Contin. member	9592,9594	0.800	
856	Continuous Members 856	Contin. member	9610,9660	0.800	
857	Continuous Members 857	Contin. member	7811,7812	0.800	
858	Continuous Members 858	Contin. member	7888,7889	0.800	
859	Continuous Members 859	Contin. member	7927,7928,7058	0.800	
860	Continuous Members 860	Contin. member	7966,7967	0.800	
861	Continuous Members 861	Contin. member	7017,7048,7813	0.800	
862	Continuous Members 862	Contin. member	7890,8489,8488	0.800	
863	Continuous Members 863	Contin. member	7929,8491,8490	0.800	
864	Continuous Members 864	Contin. member	7968,8493,8492	0.800	
865	Continuous Members 865	Contin. member	6800,7842	0.800	
866	Continuous Members 866	Contin. member	6831,7900,6806	0.800	
867	Continuous Members 867	Contin. member	6862,7939	0.800	
868	Continuous Members 868	Contin. member	6893,7978	0.800	
869	Continuous Members 869	Contin. member	7841	0.700	
870	Continuous Members 870	Contin. member	7899	0.700	
871	Continuous Members 871	Contin. member	7938	0.700	
872	Continuous Members 872	Contin. member	7977	0.700	
873	Continuous Members 873	Contin. member	7839,7840	0.800	
874	Continuous Members 874	Contin. member	7897,7898	0.800	
875	Continuous Members 875	Contin. member	7936,7937	0.800	
876	Continuous Members 876	Contin. member	7975,7976	0.800	
877	Continuous Members 877	Contin. member	7838,7817	0.600	
878	Continuous Members 878	Contin. member	7896,7894	0.600	
879	Continuous Members 879	Contin. member	7935,7933	0.600	
880	Continuous Members 880	Contin. member	7974,7972	0.600	
881	Continuous Members 881	Contin. member	9884,9790,9885,9791	0.800	
882	Continuous Members 882	Contin. member	9889,9825,9890,9826	0.800	
883	Continuous Members 883	Contin. member	9894,9840,9895,9841	0.800	
884	Continuous Members 884	Contin. member	9905,9855,9906,9856	0.800	
885	Continuous Members 885	Contin. member	9783,9883,9784,9792	0.800	
886	Continuous Members 886	Contin. member	9875,9899,9876,9827	0.800	
887	Continuous Members 887	Contin. member	9877,9900,9878,9842	0.800	
888	Continuous Members 888	Contin. member	9879,9910,9880,9857	0.800	
889	Continuous Members 889	Contin. member	7596,9779,9888,9809	0.800	
890	Continuous Members 890	Contin. member	9881,9780,9893,9834	0.800	
891	Continuous Members 891	Contin. member	9882,9781,9898,9849	0.800	
892	Continuous Members 892	Contin. member	9904,9782,9909,9864	0.800	
893	Continuous Members 893	Contin. member	9808,9887	0.700	
894	Continuous Members 894	Contin. member	9833,9892	0.700	
895	Continuous Members 895	Contin. member	9848,9897	0.700	
896	Continuous Members 896	Contin. member	9863,9908	0.700	
897	Continuous Members 897	Contin. member	9806,9807,9886	0.800	
898	Continuous Members 898	Contin. member	9831,9832,9891	0.800	
899	Continuous Members 899	Contin. member	9846,9847,9896	0.800	
900	Continuous Members 900	Contin. member	9861,9862,9907	0.800	
901	Continuous Members 901	Contin. member	9805,9793	0.600	
902	Continuous Members 902	Contin. member	9830,9828	0.600	
903	Continuous Members 903	Contin. member	9845,9843	0.600	
904	Continuous Members 904	Contin. member	9860,9858	0.600	
905	Continuous Members 905	Contin. member	9675,9676	0.800	
906	Continuous Members 906	Contin. member	9710,9711	0.800	
907	Continuous Members 907	Contin. member	9725,9726	0.800	
908	Continuous Members 908	Contin. member	9740,9741	0.800	
909	Continuous Members 909	Contin. member	9668,9669,9677	0.800	
910	Continuous Members 910	Contin. member	9712,9761,9760	0.800	

1.21 SETS OF MEMBERS

Set No.	Set of Members Description	Type	Member No.	Length [m]	Comment
911	Continuous Members 911	Contin. member	9727,9763,9762	0.800	
912	Continuous Members 912	Contin. member	9742,9765,9764	0.800	
913	Continuous Members 913	Contin. member	9664,9694	0.800	
914	Continuous Members 914	Contin. member	9665,11500,9719	0.800	
915	Continuous Members 915	Contin. member	9666,11513,9734	0.800	
916	Continuous Members 916	Contin. member	9667,9749	0.800	
917	Continuous Members 917	Contin. member	9693	0.700	
918	Continuous Members 918	Contin. member	9718	0.700	
919	Continuous Members 919	Contin. member	9733	0.700	
920	Continuous Members 920	Contin. member	9748	0.700	
921	Continuous Members 921	Contin. member	9691,9692	0.800	
922	Continuous Members 922	Contin. member	9716,9717	0.800	
923	Continuous Members 923	Contin. member	9731,9732	0.800	
924	Continuous Members 924	Contin. member	9746,9747	0.800	
925	Continuous Members 925	Contin. member	9690,9678	0.600	
926	Continuous Members 926	Contin. member	9715,9713	0.600	
927	Continuous Members 927	Contin. member	9730,9728	0.600	
928	Continuous Members 928	Contin. member	9745,9743	0.600	
1029	Continuous Members 1029	Contin. member	6722,7281	0.600	
1030	Continuous Members 1030	Contin. member	6739,7292	0.600	
1031	Continuous Members 1031	Contin. member	6770,7303	0.600	
1032	Continuous Members 1032	Contin. member	6801,7304	0.600	
1033	Continuous Members 1033	Contin. member	6832,7305	0.600	
1034	Continuous Members 1034	Contin. member	6863,7306	0.600	
1035	Continuous Members 1035	Contin. member	6894,7307	0.600	
1036	Continuous Members 1036	Contin. member	6925,7308	0.600	
1037	Continuous Members 1037	Contin. member	6956,7309	0.600	
1038	Continuous Members 1038	Contin. member	6987,7310	0.600	
1039	Continuous Members 1039	Contin. member	7018,7311	0.600	
1040	Continuous Members 1040	Contin. member	7049,7312	0.600	
1041	Continuous Members 1041	Contin. member	7313,7325	0.800	
1042	Continuous Members 1042	Contin. member	7314,7326	0.800	
1043	Continuous Members 1043	Contin. member	7315,7327	0.800	
1044	Continuous Members 1044	Contin. member	7316,7328	0.800	
1045	Continuous Members 1045	Contin. member	7317,7329	0.800	
1046	Continuous Members 1046	Contin. member	7318,7330	0.800	
1047	Continuous Members 1047	Contin. member	7319,7331	0.800	
1048	Continuous Members 1048	Contin. member	7320,7332	0.800	
1049	Continuous Members 1049	Contin. member	7321,7333	0.800	
1050	Continuous Members 1050	Contin. member	7322,7334	0.800	
1051	Continuous Members 1051	Contin. member	7323,7335	0.800	
1052	Continuous Members 1052	Contin. member	7324,7336	0.800	
1053	Continuous Members 1053	Contin. member	6867,7337	0.800	
1054	Continuous Members 1054	Contin. member	6891,7338	0.800	
1055	Continuous Members 1055	Contin. member	6898,7339	0.800	
1056	Continuous Members 1056	Contin. member	6922,7340	0.800	
1057	Continuous Members 1057	Contin. member	6929,7341	0.800	
1058	Continuous Members 1058	Contin. member	6953,7342	0.800	
1059	Continuous Members 1059	Contin. member	6960,7343	0.800	
1060	Continuous Members 1060	Contin. member	6984,7344	0.800	
1061	Continuous Members 1061	Contin. member	6991,7345	0.800	
1062	Continuous Members 1062	Contin. member	7015,7346	0.800	
1063	Continuous Members 1063	Contin. member	7022,7347	0.800	
1064	Continuous Members 1064	Contin. member	7046,7348	0.800	
1065	Continuous Members 1065	Contin. member	6720,7349,8473	0.800	
1066	Continuous Members 1066	Contin. member	6737,7350,8474	0.800	

1.21 SETS OF MEMBERS

Set No.	Set of Members Description	Type	Member No.	Length [m]	Comment
1067	Continuous Members 1067	Contin. member	6768,7351,8475	0.800	
1068	Continuous Members 1068	Contin. member	6799,7352,8476	0.800	
1069	Continuous Members 1069	Contin. member	6830,7353,8477	0.800	
1070	Continuous Members 1070	Contin. member	6861,7354,8478	0.800	
1071	Continuous Members 1071	Contin. member	6892,7355,8479	0.800	
1072	Continuous Members 1072	Contin. member	6923,7356,8480	0.800	
1073	Continuous Members 1073	Contin. member	6954,7357,8481	0.800	
1074	Continuous Members 1074	Contin. member	6985,7358,8482	0.800	
1075	Continuous Members 1075	Contin. member	7016,7359,8483	0.800	
1076	Continuous Members 1076	Contin. member	7047,7360,8484	0.800	
1077	Continuous Members 1077	Contin. member	6718,8461	0.800	
1078	Continuous Members 1078	Contin. member	6735,8462	0.800	
1079	Continuous Members 1079	Contin. member	6766,8463	0.800	
1080	Continuous Members 1080	Contin. member	6797,8464	0.800	
1081	Continuous Members 1081	Contin. member	6828,8465	0.800	
1082	Continuous Members 1082	Contin. member	6859,8466	0.800	
1083	Continuous Members 1083	Contin. member	6890,8467	0.800	
1084	Continuous Members 1084	Contin. member	6921,8468	0.800	
1085	Continuous Members 1085	Contin. member	6952,8469	0.800	
1086	Continuous Members 1086	Contin. member	6983,8470	0.800	
1087	Continuous Members 1087	Contin. member	7014,8471	0.800	
1088	Continuous Members 1088	Contin. member	7045,8472	0.800	
1089	Continuous Members 1089	Contin. member	6716,7361,7362	0.800	
1090	Continuous Members 1090	Contin. member	6733,7363,7364	0.800	
1091	Continuous Members 1091	Contin. member	6764,7365,7366	0.800	
1092	Continuous Members 1092	Contin. member	6795,7367,7368	0.800	
1093	Continuous Members 1093	Contin. member	6826,7369,7370	0.800	
1094	Continuous Members 1094	Contin. member	6857,7371,7372	0.800	
1095	Continuous Members 1095	Contin. member	6888,7373,7374	0.800	
1096	Continuous Members 1096	Contin. member	6919,7375,7376	0.800	
1097	Continuous Members 1097	Contin. member	6950,7377,7378	0.800	
1098	Continuous Members 1098	Contin. member	6981,7379,7380	0.800	
1099	Continuous Members 1099	Contin. member	7381,7382	0.600	
1100	Continuous Members 1100	Contin. member	7043,7383,7384	0.800	

2.1 LOAD CASES

Load Case	Load Case Description	EN 1990 | CEN Action Category	Self-Weight - Factor in Direction			
			Active	X	Y	Z
LC1	SW	Permanent	☒	0.000	0.000	-1.000
LC2	LL	Imposed - Category A: domestic, residential areas	☐			
LC3	LL + 10% y	Imposed - Category A: domestic, residential areas	☐			
LC4	LL + 10% x	Imposed - Category A: domestic, residential areas	☐			

2.1.1 LOAD CASES - CALCULATION PARAMETERS

Load Case	Load Case Description	Calculation Parameters		
LC1	SW	Method of analysis	: ⊙	Geometrically linear analysis
		Method for solving system of nonlinear algebraic equations	: ⊙	Newton-Raphson
		Activate stiffness factors of:	: ☒	Cross-sections (factor for J, I_y, I_z, A, A_y, A_z)
			: ☒	Members (factor for GJ, EI_y, EI_z, EA, GA_y, GA_z)

2.1.1 LOAD CASES - CALCULATION PARAMETERS

Load Case	Load Case Description	Calculation Parameters		
LC2	LL	Method of analysis	: ⊙	Geometrically linear analysis
		Method for solving system of nonlinear algebraic equations	: ⊙	Newton-Raphson
		Activate stiffness factors of:	: ☒	Cross-sections (factor for J, I_y, I_z, A, A_y, A_z)
			: ☒	Members (factor for GJ, EI_y, EI_z, EA, GA_y, GA_z)
LC3	LL + 10% y	Method of analysis	: ⊙	Geometrically linear analysis
		Method for solving system of nonlinear algebraic equations	: ⊙	Newton-Raphson
		Activate stiffness factors of:	: ☒	Cross-sections (factor for J, I_y, I_z, A, A_y, A_z)
			: ☒	Members (factor for GJ, EI_y, EI_z, EA, GA_y, GA_z)
LC4	LL + 10% x	Method of analysis	: ⊙	Geometrically linear analysis
		Method for solving system of nonlinear algebraic equations	: ⊙	Newton-Raphson
		Activate stiffness factors of:	: ☒	Cross-sections (factor for J, I_y, I_z, A, A_y, A_z)
			: ☒	Members (factor for GJ, EI_y, EI_z, EA, GA_y, GA_z)

2.5 LOAD COMBINATIONS

Load Combin.	DS	Load Combination Description	No.	Factor	Load Case	
CO1	STR	1.35*LC1	1	1.35	LC1	SW
CO2	STR	1.35*LC1 + 1.5*LC2	1	1.35	LC1	SW
			2	1.50	LC2	LL
CO3	STR	1.35*LC1 + 1.5*LC2 + 1.5*LC4	1	1.35	LC1	SW
			2	1.50	LC2	LL
			3	1.50	LC4	LL + 10% x
CO4	STR	1.35*LC1 + 1.5*LC3	1	1.35	LC1	SW
			2	1.50	LC3	LL + 10% y
CO5	STR	1.35*LC1 + 1.5*LC3 + 1.5*LC4	1	1.35	LC1	SW
			2	1.50	LC3	LL + 10% y
			3	1.50	LC4	LL + 10% x
CO6	STR	1.35*LC1 + 1.5*LC4	1	1.35	LC1	SW
			2	1.50	LC4	LL + 10% x
CO7	STR	LC1	1	1.00	LC1	SW
CO8	STR	LC1 + 1.5*LC2	1	1.00	LC1	SW
			2	1.50	LC2	LL
CO9	STR	LC1 + 1.5*LC2 + 1.5*LC4	1	1.00	LC1	SW
			2	1.50	LC2	LL
			3	1.50	LC4	LL + 10% x
CO10	STR	LC1 + 1.5*LC3	1	1.00	LC1	SW
			2	1.50	LC3	LL + 10% y
CO11	STR	LC1 + 1.5*LC3 + 1.5*LC4	1	1.00	LC1	SW
			2	1.50	LC3	LL + 10% y
			3	1.50	LC4	LL + 10% x
CO12	STR	LC1 + 1.5*LC4	1	1.00	LC1	SW
			2	1.50	LC4	LL + 10% x
CO13	S Ch	LC1	1	1.00	LC1	SW
CO14	S Ch	LC1 + LC2	1	1.00	LC1	SW
			2	1.00	LC2	LL
CO15	S Ch	LC1 + LC2 + LC4	1	1.00	LC1	SW
			2	1.00	LC2	LL
			3	1.00	LC4	LL + 10% x
CO16	S Ch	LC1 + LC3	1	1.00	LC1	SW
			2	1.00	LC3	LL + 10% y
CO17	S Ch	LC1 + LC3 + LC4	1	1.00	LC1	SW
			2	1.00	LC3	LL + 10% y
			3	1.00	LC4	LL + 10% x
CO18	S Ch	LC1 + LC4	1	1.00	LC1	SW
			2	1.00	LC4	LL + 10% x
CO19	S Fr	LC1	1	1.00	LC1	SW
CO20	S Fr	LC1 + 0.5*LC2	1	1.00	LC1	SW
			2	0.50	LC2	LL
CO21	S Fr	LC1 + 0.5*LC2 + 0.5*LC4	1	1.00	LC1	SW
			2	0.50	LC2	LL
			3	0.50	LC4	LL + 10% x
CO22	S Fr	LC1 + 0.5*LC3	1	1.00	LC1	SW
			2	0.50	LC3	LL + 10% y
CO23	S Fr	LC1 + 0.5*LC3 + 0.5*LC4	1	1.00	LC1	SW
			2	0.50	LC3	LL + 10% y
			3	0.50	LC4	LL + 10% x
CO24	S Fr	LC1 + 0.5*LC4	1	1.00	LC1	SW
			2	0.50	LC4	LL + 10% x
CO25	S Qp	LC1	1	1.00	LC1	SW
CO26	S Qp	LC1 + 0.3*LC2	1	1.00	LC1	SW
			2	0.30	LC2	LL
CO27	S Qp	LC1 + 0.3*LC2 + 0.3*LC4	1	1.00	LC1	SW
			2	0.30	LC2	LL
			3	0.30	LC4	LL + 10% x
CO28	S Qp	LC1 + 0.3*LC3	1	1.00	LC1	SW
			2	0.30	LC3	LL + 10% y
CO29	S Qp	LC1 + 0.3*LC3 + 0.3*LC4	1	1.00	LC1	SW
			2	0.30	LC3	LL + 10% y
			3	0.30	LC4	LL + 10% x
CO30	S Qp	LC1 + 0.3*LC4	1	1.00	LC1	SW
			2	0.30	LC4	LL + 10% x

2.5.2 LOAD COMBINATIONS - CALCULATION PARAMETERS

Load Combin.	Description	Calculation Parameters	
CO1	1.35*LC1	Method of analysis	: ⊙ Second order analysis (P-Delta)
		Method for solving system of nonlinear algebraic equations	: ⊙ Picard
		Options	: ☒ Consider favorable effects due to tension
			: ☒ Refer internal forces to deformed system for: ☒ Normal forces N ☒ Shear forces V_y and V_z ☒ Moments M_y, M_z and M_T
		Activate stiffness factors of:	: ☒ Materials (partial factor γM) : ☒ Cross-sections (factor for J, I_y, I_z, A, A_y, A_z) : ☒ Members (factor for GJ, EI_y, EI_z, EA, GA_y, GA_z)
CO2	1.35*LC1 + 1.5*LC2	Method of analysis	: ⊙ Second order analysis (P-Delta)
		Method for solving system of nonlinear algebraic equations	: ⊙ Picard
		Options	: ☒ Consider favorable effects due to tension
			: ☒ Refer internal forces to deformed system for: ☒ Normal forces N ☒ Shear forces V_y and V_z ☒ Moments M_y, M_z and M_T
		Activate stiffness factors of:	: ☒ Materials (partial factor γM) : ☒ Cross-sections (factor for J, I_y, I_z, A, A_y, A_z) : ☒ Members (factor for GJ, EI_y, EI_z, EA, GA_y, GA_z)
CO3	1.35*LC1 + 1.5*LC2 + 1.5*LC4	Method of analysis	: ⊙ Second order analysis (P-Delta)
		Method for solving system of nonlinear algebraic equations	: ⊙ Picard
		Options	: ☒ Consider favorable effects due to tension
			: ☒ Refer internal forces to deformed system for: ☒ Normal forces N ☒ Shear forces V_y and V_z ☒ Moments M_y, M_z and M_T
		Activate stiffness factors of:	: ☒ Materials (partial factor γM) : ☒ Cross-sections (factor for J, I_y, I_z, A, A_y, A_z) : ☒ Members (factor for GJ, EI_y, EI_z, EA, GA_y, GA_z)
CO4	1.35*LC1 + 1.5*LC3	Method of analysis	: ⊙ Second order analysis (P-Delta)
		Method for solving system of nonlinear algebraic equations	: ⊙ Picard
		Options	: ☒ Consider favorable effects due to tension
			: ☒ Refer internal forces to deformed system for: ☒ Normal forces N ☒ Shear forces V_y and V_z ☒ Moments M_y, M_z and M_T
		Activate stiffness factors of:	: ☒ Materials (partial factor γM) : ☒ Cross-sections (factor for J, I_y, I_z, A, A_y, A_z) : ☒ Members (factor for GJ, EI_y, EI_z, EA, GA_y, GA_z)
CO5	1.35*LC1 + 1.5*LC3 + 1.5*LC4	Method of analysis	: ⊙ Second order analysis (P-Delta)
		Method for solving system of nonlinear algebraic equations	: ⊙ Picard
		Options	: ☒ Consider favorable effects due to tension
			: ☒ Refer internal forces to deformed system for: ☒ Normal forces N ☒ Shear forces V_y and V_z ☒ Moments M_y, M_z and M_T
		Activate stiffness factors of:	: ☒ Materials (partial factor γM) : ☒ Cross-sections (factor for J, I_y, I_z, A, A_y, A_z) : ☒ Members (factor for GJ, EI_y, EI_z, EA, GA_y, GA_z)
CO6	1.35*LC1 + 1.5*LC4	Method of analysis	: ⊙ Second order analysis (P-Delta)
		Method for solving system of nonlinear algebraic equations	: ⊙ Picard
		Options	: ☒ Consider favorable effects due to tension
			: ☒ Refer internal forces to deformed system for: ☒ Normal forces N ☒ Shear forces V_y and V_z ☒ Moments M_y, M_z and M_T
		Activate stiffness factors of:	: ☒ Materials (partial factor γM) : ☒ Cross-sections (factor for J, I_y, I_z, A, A_y, A_z) : ☒ Members (factor for GJ, EI_y, EI_z, EA, GA_y, GA_z)
CO7	LC1	Method of analysis	: ⊙ Second order analysis (P-Delta)
		Method for solving system of nonlinear algebraic equations	: ⊙ Picard
		Options	: ☒ Consider favorable effects due to tension
			: ☒ Refer internal forces to deformed system for: ☒ Normal forces N ☒ Shear forces V_y and V_z ☒ Moments M_y, M_z and M_T
		Activate stiffness factors of:	: ☒ Materials (partial factor γM) : ☒ Cross-sections (factor for J, I_y, I_z, A, A_y, A_z) : ☒ Members (factor for GJ, EI_y, EI_z, EA, GA_y, GA_z)
CO8	LC1 + 1.5*LC2	Method of analysis	: ⊙ Second order analysis (P-Delta)
		Method for solving system of nonlinear algebraic equations	: ⊙ Picard
		Options	: ☒ Consider favorable effects due to tension
			: ☒ Refer internal forces to deformed system for: ☒ Normal forces N ☒ Shear forces V_y and V_z ☒ Moments M_y, M_z and M_T
		Activate stiffness factors of:	: ☒ Materials (partial factor γM) : ☒ Cross-sections (factor for J, I_y, I_z, A, A_y, A_z) : ☒ Members (factor for GJ, EI_y, EI_z, EA, GA_y, GA_z)
CO9	LC1 + 1.5*LC2 + 1.5*LC4	Method of analysis	: ⊙ Second order analysis (P-Delta)
		Method for solving system of nonlinear algebraic equations	: ⊙ Picard

2.5.2 LOAD COMBINATIONS - CALCULATION PARAMETERS

Load Combin.	Description	Calculation Parameters	
		Options	: ☒ Consider favorable effects due to tension : ☒ Refer internal forces to deformed system for: ☒ Normal forces N ☒ Shear forces V_y and V_z ☒ Moments M_y, M_z and M_T
		Activate stiffness factors of:	: ☒ Materials (partial factor γM) : ☒ Cross-sections (factor for J, I_y, I_z, A, A_y, A_z) : ☒ Members (factor for GJ, EI_y, EI_z, EA, GA_y, GA_z)
CO10	LC1 + 1.5*LC3	Method of analysis	: ⊙ Second order analysis (P-Delta)
		Method for solving system of nonlinear algebraic equations	: ⊙ Picard
		Options	: ☒ Consider favorable effects due to tension : ☒ Refer internal forces to deformed system for: ☒ Normal forces N ☒ Shear forces V_y and V_z ☒ Moments M_y, M_z and M_T
		Activate stiffness factors of:	: ☒ Materials (partial factor γM) : ☒ Cross-sections (factor for J, I_y, I_z, A, A_y, A_z) : ☒ Members (factor for GJ, EI_y, EI_z, EA, GA_y, GA_z)
CO11	LC1 + 1.5*LC3 + 1.5*LC4	Method of analysis	: ⊙ Second order analysis (P-Delta)
		Method for solving system of nonlinear algebraic equations	: ⊙ Picard
		Options	: ☒ Consider favorable effects due to tension : ☒ Refer internal forces to deformed system for: ☒ Normal forces N ☒ Shear forces V_y and V_z ☒ Moments M_y, M_z and M_T
		Activate stiffness factors of:	: ☒ Materials (partial factor γM) : ☒ Cross-sections (factor for J, I_y, I_z, A, A_y, A_z) : ☒ Members (factor for GJ, EI_y, EI_z, EA, GA_y, GA_z)
CO12	LC1 + 1.5*LC4	Method of analysis	: ⊙ Second order analysis (P-Delta)
		Method for solving system of nonlinear algebraic equations	: ⊙ Picard
		Options	: ☒ Consider favorable effects due to tension : ☒ Refer internal forces to deformed system for: ☒ Normal forces N ☒ Shear forces V_y and V_z ☒ Moments M_y, M_z and M_T
		Activate stiffness factors of:	: ☒ Materials (partial factor γM) : ☒ Cross-sections (factor for J, I_y, I_z, A, A_y, A_z) : ☒ Members (factor for GJ, EI_y, EI_z, EA, GA_y, GA_z)
CO13	LC1	Method of analysis	: ⊙ Second order analysis (P-Delta)
		Method for solving system of nonlinear algebraic equations	: ⊙ Picard
		Options	: ☒ Consider favorable effects due to tension : ☒ Refer internal forces to deformed system for: ☒ Normal forces N ☒ Shear forces V_y and V_z ☒ Moments M_y, M_z and M_T
		Activate stiffness factors of:	: ☒ Materials (partial factor γM) : ☒ Cross-sections (factor for J, I_y, I_z, A, A_y, A_z) : ☒ Members (factor for GJ, EI_y, EI_z, EA, GA_y, GA_z)
CO14	LC1 + LC2	Method of analysis	: ⊙ Second order analysis (P-Delta)
		Method for solving system of nonlinear algebraic equations	: ⊙ Picard
		Options	: ☒ Consider favorable effects due to tension : ☒ Refer internal forces to deformed system for: ☒ Normal forces N ☒ Shear forces V_y and V_z ☒ Moments M_y, M_z and M_T
		Activate stiffness factors of:	: ☒ Materials (partial factor γM) : ☒ Cross-sections (factor for J, I_y, I_z, A, A_y, A_z) : ☒ Members (factor for GJ, EI_y, EI_z, EA, GA_y, GA_z)
CO15	LC1 + LC2 + LC4	Method of analysis	: ⊙ Second order analysis (P-Delta)
		Method for solving system of nonlinear algebraic equations	: ⊙ Picard
		Options	: ☒ Consider favorable effects due to tension : ☒ Refer internal forces to deformed system for: ☒ Normal forces N ☒ Shear forces V_y and V_z ☒ Moments M_y, M_z and M_T
		Activate stiffness factors of:	: ☒ Materials (partial factor γM) : ☒ Cross-sections (factor for J, I_y, I_z, A, A_y, A_z) : ☒ Members (factor for GJ, EI_y, EI_z, EA, GA_y, GA_z)
CO16	LC1 + LC3	Method of analysis	: ⊙ Second order analysis (P-Delta)
		Method for solving system of nonlinear algebraic equations	: ⊙ Picard
		Options	: ☒ Consider favorable effects due to tension : ☒ Refer internal forces to deformed system for: ☒ Normal forces N ☒ Shear forces V_y and V_z ☒ Moments M_y, M_z and M_T
		Activate stiffness factors of:	: ☒ Materials (partial factor γM) : ☒ Cross-sections (factor for J, I_y, I_z, A, A_y, A_z) : ☒ Members (factor for GJ, EI_y, EI_z, EA, GA_y, GA_z)
CO17	LC1 + LC3 + LC4	Method of analysis	: ⊙ Second order analysis (P-Delta)
		Method for solving system of nonlinear algebraic equations	: ⊙ Picard
		Options	: ☒ Consider favorable effects due to tension : ☒ Refer internal forces to deformed system for: ☒ Normal forces N

2.5.2 LOAD COMBINATIONS - CALCULATION PARAMETERS

Load Combin.	Description	Calculation Parameters	
			☒ Shear forces V_y and V_z
			☒ Moments M_y, M_z and M_T
		Activate stiffness factors of:	: ☒ Materials (partial factor γM)
			: ☒ Cross-sections (factor for J, I_y, I_z, A, A_y, A_z)
			: ☒ Members (factor for GJ, EI_y, EI_z, EA, GA_y, GA_z)
CO18	LC1 + LC4	Method of analysis	: ⊙ Second order analysis (P-Delta)
		Method for solving system of nonlinear algebraic equations	: ⊙ Picard
		Options	: ☒ Consider favorable effects due to tension
			: ☒ Refer internal forces to deformed system for:
			☒ Normal forces N
			☒ Shear forces V_y and V_z
			☒ Moments M_y, M_z and M_T
		Activate stiffness factors of:	: ☒ Materials (partial factor γM)
			: ☒ Cross-sections (factor for J, I_y, I_z, A, A_y, A_z)
			: ☒ Members (factor for GJ, EI_y, EI_z, EA, GA_y, GA_z)
CO19	LC1	Method of analysis	: ⊙ Second order analysis (P-Delta)
		Method for solving system of nonlinear algebraic equations	: ⊙ Picard
		Options	: ☒ Consider favorable effects due to tension
			: ☒ Refer internal forces to deformed system for:
			☒ Normal forces N
			☒ Shear forces V_y and V_z
			☒ Moments M_y, M_z and M_T
		Activate stiffness factors of:	: ☒ Materials (partial factor γM)
			: ☒ Cross-sections (factor for J, I_y, I_z, A, A_y, A_z)
			: ☒ Members (factor for GJ, EI_y, EI_z, EA, GA_y, GA_z)
CO20	LC1 + 0.5*LC2	Method of analysis	: ⊙ Second order analysis (P-Delta)
		Method for solving system of nonlinear algebraic equations	: ⊙ Picard
		Options	: ☒ Consider favorable effects due to tension
			: ☒ Refer internal forces to deformed system for:
			☒ Normal forces N
			☒ Shear forces V_y and V_z
			☒ Moments M_y, M_z and M_T
		Activate stiffness factors of:	: ☒ Materials (partial factor γM)
			: ☒ Cross-sections (factor for J, I_y, I_z, A, A_y, A_z)
			: ☒ Members (factor for GJ, EI_y, EI_z, EA, GA_y, GA_z)
CO21	LC1 + 0.5*LC2 + 0.5*LC4	Method of analysis	: ⊙ Second order analysis (P-Delta)
		Method for solving system of nonlinear algebraic equations	: ⊙ Picard
		Options	: ☒ Consider favorable effects due to tension
			: ☒ Refer internal forces to deformed system for:
			☒ Normal forces N
			☒ Shear forces V_y and V_z
			☒ Moments M_y, M_z and M_T
		Activate stiffness factors of:	: ☒ Materials (partial factor γM)
			: ☒ Cross-sections (factor for J, I_y, I_z, A, A_y, A_z)
			: ☒ Members (factor for GJ, EI_y, EI_z, EA, GA_y, GA_z)
CO22	LC1 + 0.5*LC3	Method of analysis	: ⊙ Second order analysis (P-Delta)
		Method for solving system of nonlinear algebraic equations	: ⊙ Picard
		Options	: ☒ Consider favorable effects due to tension
			: ☒ Refer internal forces to deformed system for:
			☒ Normal forces N
			☒ Shear forces V_y and V_z
			☒ Moments M_y, M_z and M_T
		Activate stiffness factors of:	: ☒ Materials (partial factor γM)
			: ☒ Cross-sections (factor for J, I_y, I_z, A, A_y, A_z)
			: ☒ Members (factor for GJ, EI_y, EI_z, EA, GA_y, GA_z)
CO23	LC1 + 0.5*LC3 + 0.5*LC4	Method of analysis	: ⊙ Second order analysis (P-Delta)
		Method for solving system of nonlinear algebraic equations	: ⊙ Picard
		Options	: ☒ Consider favorable effects due to tension
			: ☒ Refer internal forces to deformed system for:
			☒ Normal forces N
			☒ Shear forces V_y and V_z
			☒ Moments M_y, M_z and M_T
		Activate stiffness factors of:	: ☒ Materials (partial factor γM)
			: ☒ Cross-sections (factor for J, I_y, I_z, A, A_y, A_z)
			: ☒ Members (factor for GJ, EI_y, EI_z, EA, GA_y, GA_z)
CO24	LC1 + 0.5*LC4	Method of analysis	: ⊙ Second order analysis (P-Delta)
		Method for solving system of nonlinear algebraic equations	: ⊙ Picard
		Options	: ☒ Consider favorable effects due to tension
			: ☒ Refer internal forces to deformed system for:
			☒ Normal forces N
			☒ Shear forces V_y and V_z
			☒ Moments M_y, M_z and M_T
		Activate stiffness factors of:	: ☒ Materials (partial factor γM)
			: ☒ Cross-sections (factor for J, I_y, I_z, A, A_y, A_z)
			: ☒ Members (factor for GJ, EI_y, EI_z, EA, GA_y, GA_z)
CO25	LC1	Method of analysis	: ⊙ Second order analysis (P-Delta)
		Method for solving system of nonlinear algebraic equations	: ⊙ Picard
		Options	: ☒ Consider favorable effects due to tension
			: ☒ Refer internal forces to deformed system for:
			☒ Normal forces N
			☒ Shear forces V_y and V_z
			☒ Moments M_y, M_z and M_T
		Activate stiffness factors of:	: ☒ Materials (partial factor γM)

2.5.2 LOAD COMBINATIONS - CALCULATION PARAMETERS

Load Combin.	Description	Calculation Parameters	
			: ☒ Cross-sections (factor for J, I_y, I_z, A, A_y, A_z)
			: ☒ Members (factor for GJ, EI_y, EI_z, EA, GA_y, GA_z)
CO26	LC1 + 0.3*LC2	Method of analysis	: ⊙ Second order analysis (P-Delta)
		Method for solving system of nonlinear algebraic equations	: ⊙ Picard
		Options	: ☒ Consider favorable effects due to tension
			: ☒ Refer internal forces to deformed system for:
			☒ Normal forces N
			☒ Shear forces V_y and V_z
			☒ Moments M_y, M_z and M_T
		Activate stiffness factors of:	: ☒ Materials (partial factor γM)
			: ☒ Cross-sections (factor for J, I_y, I_z, A, A_y, A_z)
			: ☒ Members (factor for GJ, EI_y, EI_z, EA, GA_y, GA_z)
CO27	LC1 + 0.3*LC2 + 0.3*LC4	Method of analysis	: ⊙ Second order analysis (P-Delta)
		Method for solving system of nonlinear algebraic equations	: ⊙ Picard
		Options	: ☒ Consider favorable effects due to tension
			: ☒ Refer internal forces to deformed system for:
			☒ Normal forces N
			☒ Shear forces V_y and V_z
			☒ Moments M_y, M_z and M_T
		Activate stiffness factors of:	: ☒ Materials (partial factor γM)
			: ☒ Cross-sections (factor for J, I_y, I_z, A, A_y, A_z)
			: ☒ Members (factor for GJ, EI_y, EI_z, EA, GA_y, GA_z)
CO28	LC1 + 0.3*LC3	Method of analysis	: ⊙ Second order analysis (P-Delta)
		Method for solving system of nonlinear algebraic equations	: ⊙ Picard
		Options	: ☒ Consider favorable effects due to tension
			: ☒ Refer internal forces to deformed system for:
			☒ Normal forces N
			☒ Shear forces V_y and V_z
			☒ Moments M_y, M_z and M_T
		Activate stiffness factors of:	: ☒ Materials (partial factor γM)
			: ☒ Cross-sections (factor for J, I_y, I_z, A, A_y, A_z)
			: ☒ Members (factor for GJ, EI_y, EI_z, EA, GA_y, GA_z)
CO29	LC1 + 0.3*LC3 + 0.3*LC4	Method of analysis	: ⊙ Second order analysis (P-Delta)
		Method for solving system of nonlinear algebraic equations	: ⊙ Picard
		Options	: ☒ Consider favorable effects due to tension
			: ☒ Refer internal forces to deformed system for:
			☒ Normal forces N
			☒ Shear forces V_y and V_z
			☒ Moments M_y, M_z and M_T
		Activate stiffness factors of:	: ☒ Materials (partial factor γM)
			: ☒ Cross-sections (factor for J, I_y, I_z, A, A_y, A_z)
			: ☒ Members (factor for GJ, EI_y, EI_z, EA, GA_y, GA_z)
CO30	LC1 + 0.3*LC4	Method of analysis	: ⊙ Second order analysis (P-Delta)
		Method for solving system of nonlinear algebraic equations	: ⊙ Picard
		Options	: ☒ Consider favorable effects due to tension
			: ☒ Refer internal forces to deformed system for:
			☒ Normal forces N
			☒ Shear forces V_y and V_z
			☒ Moments M_y, M_z and M_T
		Activate stiffness factors of:	: ☒ Materials (partial factor γM)
			: ☒ Cross-sections (factor for J, I_y, I_z, A, A_y, A_z)
			: ☒ Members (factor for GJ, EI_y, EI_z, EA, GA_y, GA_z)

2.7 RESULT COMBINATIONS

Result Combin	Description	Loading
RC1	ULS (STR/GEO) - Permanent / transient - Eq. 6.10	CO1/p or to CO12
RC2	SLS - Characteristic	CO13/p or to CO18
RC3	SLS - Frequent	CO19/p or to CO24
RC4	SLS - Quasi-permanent	CO25/p or to CO30
RC5	DLC1, Result Envelope X 100% / Z 30%	
RC6	DLC1, Result Envelope X 30% / Z 100%	
RC9	seismos x+	LC1/p + 0.3*LC2 + RC5

LC1
SW

3.2 MEMBER LOADS

LC1: SW

No.	Reference to	On Members No.	Load Type	Load Distribution	Load Direction	Reference Length	Load Parameters Symbol	Value	Unit
1	Members		Force	Uniform	ZL	True Length	p	-0.160	kN/m
	3944-3951,4194,4195,4218-4233,4245-4260,4304-4308,4310-4312,4344,4345,4381-4385,4387-4389,4421,4422,4873-4880, 4882-4889,5032,5033,5038,5087-5089,5111-5113,5179-5184,5186-5188,5190-5200,5202-5204,5206-5211,7610-7614, 7616-7623,7625-7627,7661-7665,7667-7674,7676-7678,7701-7705,7707-7714,7716-7722,7724-7727,7747-7750,7752-7755, 7769-7772,7774-7777,7797,7814-7816,7843,7844,7874,7891-7893,7969-7971,7979,7980,8010,8027-8029,8056,8057,8087, 8104-8106,8114,8115,8126,8143-8145,8153,8154,8165,8182-8184,8192,8193,8223,8240-8242,8269,9011-9023,9354-9356, 9375-9382,9637							
2	Members		Force	Uniform	ZL	True Length	p	-0.200	kN/m
	4426-4435,4437,4438,4440,4441,4443,4444,4446,4447,4450,4451,4891-4900,6622-6677,6694,6695,6700,6701,6880,6937, 6970,7003,7032,7041,7144,7243,7267,7277,7482-7486,7488-7495,7497-7504,7507,7509,7511,7513,7515,7517,7519,7521, 7525-7532,7534-7541,7543-7550,7552-7559,7561-7568,7570-7577,7579-7581,7590-7595,7597-7599,10001-10009							

3.2/1 MEMBER LOADS - LOAD ECCENTRICITY

LC1: SW

No.	Reference to	On Members No.	Absolute Offset Mbr. Start	Absolute Offset Mbr. Start	Absolute Offset Mbr. End	Absolute Offset Mbr. End	Relative Offset Mbr. Start	Relative Offset Mbr. Start	Relative Offset Mbr. End	Relative Offset Mbr. End
			e_Y [mm]	e_Z [mm]	e_Y [mm]	e_Z [mm]	y-Axis	z-Axis	y-Axis	z-Axis
1	Members	3944-3951, 4194,4195, 4218-4233, 4245-4260, 4304-4308, 4310-4312, 4344,4345, 4381-4385, 4387-4389, 4421,4422, 4873-4880, 4882-4889, 5032,5033, 5038, 5087-5089, 5111-5113, 5179-5184, 5186-5188, 5190-5200, 5202-5204, 5206-5211, 7610-7614, 7616-7623, 7625-7627, 7661-7665, 7667-7674, 7676-7678, 7701-7705, 7707-7714, 7716-7722, 7724-7727, 7747-7750, 7752-7755, 7769-7772, 7774-7777, 7797, 7814-7816, 7843,7844, 7874, 7891-7893, 7969-7971, 7979,7980, 8010, 8027-8029, 8056,8057, 8087, 8104-8106, 8114,8115, 8126, 8143-8145, 8153,8154, 8165, 8182-8184, 8192,8193, 8223, 8240-8242, 8269, 9011-9023, 9354-9356, 9375-9382, 9637	0.0	0.0	0.0	0.0	Middle	Middle	Middle	Middle
2	Members	4426-4435, 4437,4438, 4440,4441, 4443,4444, 4446,4447, 4450,4451, 4891-4900, 6622-6677, 6694,6695, 6700,6701, 6880,6937, 6970,7003, 7032,7041, 7144,7243, 7267,7277, 7482-7486, 7488-7495, 7497-7504, 7507,7509, 7511,7513, 7515,7517, 7519,7521, 7525-7532, 7534-7541, 7543-7550, 7552-7559, 7561-7568, 7570-7577, 7579-7581, 7590-7595, 7597-7599, 10001-10009	0.0	0.0	0.0	0.0	Middle	Middle	Middle	Middle

LC2
LL

3.2 MEMBER LOADS

LC2: LL

No.	Reference to	On Members No.	Load Type	Load Distribution	Load Direction	Reference Length	Load Parameters Symbol	Value	Unit
1	Members		Force	Uniform	ZL	True Length	p	-0.400	kN/m
	3944-3951,4194,4195,4218-4233,4245-4260,4304-4308,4310-4312,4344,4345,4381-4385,4387-4389,4421,4422,4873-4880, 4882-4889,5032,5033,5038,5087-5089,5111-5113,5179-5184,5186-5188,5190-5200,5202-5204,5206-5211,7610-7614, 7616-7623,7625-7627,7661-7665,7667-7674,7676-7678,7701-7705,7707-7714,7716-7722,7724-7727,7747-7750,7752-7755, 7769-7772,7774-7778,7789,7797,7814-7816,7843,7844,7874,7891-7893,7969-7971,7979,7980,8010,8027-8029,8056,8057, 8087,8104-8106,8114,8115,8126,8143-8145,8153,8154,8165,8182-8184,8192,8193,8223,8240-8242,8269,9011-9023, 9354-9356,9375-9382,9403,9637,9980,10728,10732,10733,10822,11050,11060,11061,11065,11066,11069-11072,11076, 11077,11080,11081								
3	Members		Force	Uniform	ZL	True Length	p	-0.400	kN/m
	4426-4435,4437,4438,4440,4441,4443,4444,4446,4447,4450,4451,4891-4900,6622-6677,6694,6695,6700,6701,6880,6937, 6970,7003,7032,7041,7144,7243,7267,7277,7482-7486,7488-7495,7497-7504,7507,7509,7511,7513,7515,7517,7519,7521, 7525-7532,7534-7541,7543-7550,7552-7559,7561-7568,7570-7577,7579-7581,7590-7595,7597-7599,10001-10009								

3.2/1 MEMBER LOADS - LOAD ECCENTRICITY

LC2: LL

No.	Reference to	On Members No.	Absolute Offset Mbr. Start e_Y [mm]	Absolute Offset Mbr. Start e_Z [mm]	Absolute Offset Mbr. End e_Y [mm]	Absolute Offset Mbr. End e_Z [mm]	Relative Offset Mbr. Start y-Axis	Relative Offset Mbr. Start z-Axis	Relative Offset Mbr. End y-Axis	Relative Offset Mbr. End z-Axis
1	Members	3944-3951, 4194,4195, 4218-4233, 4245-4260, 4304-4308, 4310-4312, 4344,4345, 4381-4385, 4387-4389, 4421,4422, 4873-4880, 4882-4889, 5032,5033, 5038, 5087-5089, 5111-5113, 5179-5184, 5186-5188, 5190-5200, 5202-5204, 5206-5211, 7610-7614, 7616-7623, 7625-7627, 7661-7665, 7667-7674, 7676-7678, 7701-7705, 7707-7714, 7716-7722, 7724-7727, 7747-7750, 7752-7755, 7769-7772, 7774-7778, 7789,7797, 7814-7816, 7843,7844, 7874, 7891-7893, 7969-7971, 7979,7980, 8010, 8027-8029, 8056,8057, 8087, 8104-8106, 8114,8115, 8126, 8143-8145, 8153,8154, 8165, 8182-8184, 8192,8193, 8223, 8240-8242, 8269, 9011-9023, 9354-9356, 9375-9382, 9403,9637, 9980, 10728, 10732, 10733, 10822, 11050, 11060, 11061, 11065, 11066, 11069-11072,11076, 11077, 11080, 11081	0.0	0.0	0.0	0.0	Middle	Middle	Middle	Middle
3	Members	4426-4435, 4437,4438, 4440,4441, 4443,4444, 4446,4447, 4450,4451, 4891-4900, 6622-6677, 6694,6695,6	0.0	0.0	0.0	0.0	Middle	Middle	Middle	Middle

3.2/1 MEMBER LOADS - LOAD ECCENTRICITY

LC2: LL

No.	Reference to	On Members No.	Absolute Offset Mbr. Start	Absolute Offset Mbr. Start	Absolute Offset Mbr. End	Absolute Offset Mbr. End	Relative Offset Mbr. Start	Relative Offset Mbr. Start	Relative Offset Mbr. End	Relative Offset Mbr. End
			e_Y [mm]	e_Z [mm]	e_Y [mm]	e_Z [mm]	y-Axis	z-Axis	y-Axis	z-Axis
		6700,6701, 6880,6937, 6970,7003, 7032,7041, 7144,7243, 7267,7277, 7482-7486, 7488-7495, 7497-7504, 7507,7509, 7511,7513, 7515,7517, 7519,7521, 7525-7532, 7534-7541, 7543-7550, 7552-7559, 7561-7568, 7570-7577, 7579-7581, 7590-7595, 7597-7599, 10001-10009								

LC3
LL + 10% y

3.2 MEMBER LOADS

LC3: LL + 10% y

No.	Reference to	On Members No.	Load Type	Load Distribution	Load Direction	Reference Length	Load Parameters Symbol	Value	Unit
2	Members		Force	Uniform	YL	True Length	p	-0.040	kN/m
	3944-3951,4194,4195,4218-4233,4245-4260,4304-4308,4310-4312,4344,4345,4381-4385,4387-4389,4421,4422,4873-4880, 4882-4889,5032,5033,5038,5087-5089,5111-5113,5179-5184,5186-5188,5190-5200,5202-5204,5206-5211,7610-7614, 7616-7623,7625-7627,7661-7665,7667-7674,7676-7678,7701-7705,7707-7714,7716-7722,7724-7727,7747-7750,7752-7755, 7769-7772,7774-7778,7789,7797,7814-7816,7843,7844,7874,7891-7893,7969-7971,7979,7980,8010,8027-8029,8056,8057, 8087,8104-8106,8114,8115,8126,8143-8145,8153,8154,8165,8182-8184,8192,8193,8223,8240-8242,8269,9011-9023, 9354-9356,9375-9382,9403,9637,9980,10728,10732,10733,10822,11050,11060,11061,11065,11066,11069-11072,11076, 11077,11080,11081							
4	Members		Force	Uniform	YL	True Length	p	-0.040	kN/m
	4426-4435,4437,4438,4440,4441,4443,4444,4446,4447,4450,4451,4891-4900,6622-6677,6694,6695,6700,6701,6880,6937, 6970,7003,7032,7041,7144,7243,7267,7277,7482-7486,7488-7495,7497-7504,7507,7509,7511,7513,7515,7517,7519,7521, 7525-7532,7534-7541,7543-7550,7552-7559,7561-7568,7570-7577,7579-7581,7590-7595,7597-7599,10001-10009							

3.2/1 MEMBER LOADS - LOAD ECCENTRICITY

LC3: LL + 10% y

No.	Reference to	On Members No.	Absolute Offset Mbr. Start	Absolute Offset Mbr. Start	Absolute Offset Mbr. End	Absolute Offset Mbr. End	Relative Offset Mbr. Start	Relative Offset Mbr. Start	Relative Offset Mbr. End	Relative Offset Mbr. End
			e_Y [mm]	e_Z [mm]	e_Y [mm]	e_Z [mm]	y-Axis	z-Axis	y-Axis	z-Axis
2	Members	3944-3951, 4194,4195, 4218-4233, 4245-4260, 4304-4308, 4310-4312, 4344,4345, 4381-4385, 4387-4389, 4421,4422, 4873-4880, 4882-4889, 5032,5033, 5038, 5087-5089, 5111-5113, 5179-5184, 5186-5188, 5190-5200, 5202-5204, 5206-5211, 7610-7614, 7616-7623, 7625-7627, 7661-7665, 7667-7674, 7676-7678, 7701-7705, 7707-7714, 7716-7722, 7724-7727, 7747-7750, 7752-7755, 7769-7772, 7774-7778, 7789,7797, 7814-7816, 7843,7844, 7874, 7891-7893, 7969-7971, 7979,7980, 8010, 8027-8029, 8056,8057, 8087, 8104-8106, 8114,8115, 8126,8	0.0	0.0	0.0	0.0	Middle	Middle	Middle	Middle

3.2/1 MEMBER LOADS - LOAD ECCENTRICITY

LC3: LL + 10% y

No.	Reference to	On Members No.	Absolute Offset Mbr. Start	Absolute Offset Mbr. Start	Absolute Offset Mbr. End	Absolute Offset Mbr. End	Relative Offset Mbr. Start	Relative Offset Mbr. Start	Relative Offset Mbr. End	Relative Offset Mbr. End
			e_Y [mm]	e_Z [mm]	e_Y [mm]	e_Z [mm]	y-Axis	z-Axis	y-Axis	z-Axis
		8143-8145, 8153,8154, 8165, 8182-8184, 8192,8193, 8223, 8240-8242, 8269, 9011-9023, 9354-9356, 9375-9382, 9403,9637, 9980, 10728, 10732, 10733, 10822, 11050, 11060, 11061, 11065, 11066, 11069-11072,11076, 11077, 11080, 11081								
4	Members	4426-4435, 4437,4438, 4440,4441, 4443,4444, 4446,4447, 4450,4451, 4891-4900, 6622-6677, 6694,6695, 6700,6701, 6880,6937, 6970,7003, 7032,7041, 7144,7243, 7267,7277, 7482-7486, 7488-7495, 7497-7504, 7507,7509, 7511,7513, 7515,7517, 7519,7521, 7525-7532, 7534-7541, 7543-7550, 7552-7559, 7561-7568, 7570-7577, 7579-7581, 7590-7595, 7597-7599, 10001-10009	0.0	0.0	0.0	0.0	Middle	Middle	Middle	Middle

LC4
LL + 10% x

3.2 MEMBER LOADS

LC4: LL + 10% x

No.	Reference to	On Members No.	Load Type	Load Distribution	Load Direction	Reference Length	Load Parameters Symbol	Value	Unit
2	Members		Force	Uniform	XL	True Length	p	0.040	kN/m
	3944-3951,4194,4195,4218-4233,4245-4260,4304-4308,4310-4312,4344,4345,4381-4385,4387-4389,4421,4422,4873-4880, 4882-4889,5032,5033,5038,5087-5089,5111-5113,5179-5184,5186-5188,5190-5200,5202-5204,5206-5211,7610-7614, 7616-7623,7625-7627,7661-7665,7667-7674,7676-7678,7701-7705,7707-7714,7716-7722,7724-7727,7747-7750,7752-7755, 7769-7772,7774-7778,7789,7797,7814-7816,7843,7844,7874,7891-7893,7969-7971,7979,7980,8010,8027-8029,8056,8057, 8087,8104-8106,8114,8115,8126,8143-8145,8153,8154,8165,8182-8184,8192,8193,8223,8240-8242,8269,9011-9023, 9354-9356,9375-9382,9403,9637,9980,10728,10732,10733,10822,11050,11060,11061,11065,11066,11069-11072,11076, 11077,11080,11081							
4	Members		Force	Uniform	XL	True Length	p	0.040	kN/m
	4426-4435,4437,4438,4440,4441,4443,4444,4446,4447,4450,4451,4891-4900,6622-6677,6694,6695,6700,6701,6880,6937, 6970,7003,7032,7041,7144,7243,7267,7277,7482-7486,7488-7495,7497-7504,7507,7509,7511,7513,7515,7517,7519,7521, 7525-7532,7534-7541,7543-7550,7552-7559,7561-7568,7570-7577,7579-7581,7590-7595,7597-7599,10001-10009								

3.2/1 MEMBER LOADS - LOAD ECCENTRICITY

LC4: LL + 10% x

No.	Reference to	On Members No.	Absolute Offset Mbr. Start	Absolute Offset Mbr. Start	Absolute Offset Mbr. End	Absolute Offset Mbr. End	Relative Offset Mbr. Start	Relative Offset Mbr. Start	Relative Offset Mbr. End	Relative Offset Mbr. End
			e_Y [mm]	e_Z [mm]	e_Y [mm]	e_Z [mm]	y-Axis	z-Axis	y-Axis	z-Axis
2	Members	3944-3951, 4194,4195, 4218-4233, 4245-4260, 4304-4308, 4310-4312, 4344,4345, 4381-4385, 4387-4389, 4421,4422, 4873-4880,4	0.0	0.0	0.0	0.0	Middle	Middle	Middle	Middle

3.2/1 MEMBER LOADS - LOAD ECCENTRICITY

LC4: LL + 10% x

No.	Reference to	On Members No.	Absolute Offset Mbr. Start	Absolute Offset Mbr. Start	Absolute Offset Mbr. End	Absolute Offset Mbr. End	Relative Offset Mbr. Start	Relative Offset Mbr. Start	Relative Offset Mbr. End	Relative Offset Mbr. End
			e_Y [mm]	e_Z [mm]	e_Y [mm]	e_Z [mm]	y-Axis	z-Axis	y-Axis	z-Axis
		4882-4889, 5032,5033, 5038, 5087-5089, 5111-5113, 5179-5184, 5186-5188, 5190-5200, 5202-5204, 5206-5211, 7610-7614, 7616-7623, 7625-7627, 7661-7665, 7667-7674, 7676-7678, 7701-7705, 7707-7714, 7716-7722, 7724-7727, 7747-7750, 7752-7755, 7769-7772, 7774-7778, 7789,7797, 7814-7816, 7843,7844, 7874, 7891-7893, 7969-7971, 7979,7980, 8010, 8027-8029, 8056,8057, 8087, 8104-8106, 8114,8115, 8126, 8143-8145, 8153,8154, 8165, 8182-8184, 8192,8193, 8223, 8240-8242, 8269, 9011-9023, 9354-9356, 9375-9382, 9403,9637, 9980, 10728, 10732, 10733, 10822, 11050, 11060, 11061, 11065, 11066, 11069-11072,11076, 11077, 11080, 11081								
4	Members	4426-4435, 4437,4438, 4440,4441, 4443,4444, 4446,4447, 4450,4451, 4891-4900, 6622-6677, 6694,6695, 6700,6701, 6880,6937, 6970,7003, 7032,7041, 7144,7243, 7267,7277, 7482-7486, 7488-7495, 7497-7504, 7507,7509, 7511,7513, 7515,7517, 7519,7521, 7525-7532, 7534-7541, 7543-7550, 7552-7559, 7561-7568, 7570-7577, 7579-7581, 7590-7595, 7597-7599, 10001-10009	0.0	0.0	0.0	0.0	Middle	Middle	Middle	Middle

4.1 NODES - SUPPORT FORCES

Result Combinations

Node No.	RC		Support Forces [kN] P_X	P_Y	P_Z	Support Moments [kNm] M_X	M_Y	M_Z	
15	RC1	Max	0.20	0.18	0.58	0.00	0.00	0.01	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.26	0.02	-2.61	0.00	0.00	-0.05	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.13	0.12	0.02	0.00	0.00	0.01	SLS - Characteristic
		Min	-0.17	0.02	-1.86	0.00	0.00	-0.03	SLS - Characteristic
	RC3	Max	0.07	0.08	-0.54	0.00	0.00	0.00	SLS - Frequent
		Min	-0.08	0.02	-1.49	0.00	0.00	-0.02	SLS - Frequent
	RC4	Max	0.05	0.06	-0.77	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.05	0.03	-1.34	0.00	0.00	-0.01	SLS - Quasi-permanent
	RC9	Max	0.82	0.29	1.05	0.00	0.00	0.05	seismos x+
		Min	-0.81	-0.23	-3.51	0.00	0.00	-0.05	seismos x+
16	RC1	Max	0.28	0.22	-0.77	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.02	0.01	-3.08	0.00	0.00	-0.04	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.19	0.14	-0.90	0.00	0.00	0.00	SLS - Characteristic
		Min	0.02	0.01	-2.17	0.00	0.00	-0.03	SLS - Characteristic
	RC3	Max	0.10	0.08	-1.03	0.00	0.00	0.00	SLS - Frequent
		Min	0.02	0.02	-1.66	0.00	0.00	-0.01	SLS - Frequent
	RC4	Max	0.07	0.06	-1.08	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.02	0.02	-1.46	0.00	0.00	-0.01	SLS - Quasi-permanent
	RC9	Max	0.62	0.46	-0.10	0.00	0.00	0.01	seismos x+
		Min	-0.58	-0.41	-2.52	0.00	0.00	-0.02	seismos x+
417	RC1	Max	0.34	0.10	-0.85	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.25	-0.07	-3.10	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.23	0.06	-0.97	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.16	-0.05	-2.18	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.12	0.02	-1.10	0.00	0.00	0.00	SLS - Frequent
		Min	-0.07	-0.03	-1.70	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.08	0.00	-1.15	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.03	-0.03	-1.51	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	1.50	0.41	2.76	0.00	0.00	0.01	seismos x+
		Min	-1.46	-0.47	-5.51	0.00	0.00	-0.01	seismos x+
487	RC1	Max	0.00	0.03	-2.78	0.00	0.00	0.02	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.03	-5.81	-14.01	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.00	0.01	-2.78	0.00	0.00	0.01	SLS - Characteristic
		Min	-0.02	-3.88	-9.60	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.00	-0.01	-2.78	0.00	0.00	0.01	SLS - Frequent
		Min	-0.01	-1.96	-6.21	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.00	-0.01	-2.78	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.01	-1.19	-4.84	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.04	2.82	0.65	0.00	0.00	0.01	seismos x+
		Min	-0.04	-2.89	-7.27	0.00	0.00	-0.01	seismos x+
488	RC1	Max	0.00	0.00	5.90	0.00	0.00	0.03	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.02	-0.14	-10.61	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.00	0.00	2.90	0.00	0.00	0.02	SLS - Characteristic
		Min	-0.01	-0.09	-7.38	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.00	0.00	-0.12	0.00	0.00	0.01	SLS - Frequent
		Min	-0.01	-0.04	-5.26	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.00	0.00	-1.33	0.00	0.00	0.01	SLS - Quasi-permanent
		Min	-0.01	-0.02	-4.42	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.03	0.06	1.35	0.00	0.00	0.02	seismos x+
		Min	-0.03	-0.06	-8.89	0.00	0.00	-0.02	seismos x+
505	RC1	Max	0.54	0.29	-0.42	0.00	0.00	0.06	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.03	-2.02	-5.90	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.36	0.20	-0.58	0.00	0.00	0.04	SLS - Characteristic
		Min	0.03	-1.32	-4.00	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.20	0.13	-0.74	0.00	0.00	0.02	SLS - Frequent
		Min	0.03	-0.63	-2.45	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.13	0.10	-0.80	0.00	0.00	0.01	SLS - Quasi-permanent
		Min	0.03	-0.36	-1.83	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	1.61	1.16	1.64	0.00	0.00	0.05	seismos x+
		Min	-1.55	-1.01	-3.79	0.00	0.00	-0.05	seismos x+
506	RC1	Max	0.53	0.14	2.61	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.02	-0.78	-4.88	0.00	0.00	-0.01	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.35	0.10	1.24	0.00	0.00	0.00	SLS - Characteristic
		Min	0.02	-0.51	-3.40	0.00	0.00	-0.01	SLS - Characteristic
	RC3	Max	0.19	0.06	-0.12	0.00	0.00	0.00	SLS - Frequent
		Min	0.02	-0.24	-2.43	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.12	0.05	-0.66	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.02	-0.13	-2.05	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	1.57	0.46	0.73	0.00	0.00	0.03	seismos x+
		Min	-1.52	-0.39	-4.26	0.00	0.00	-0.03	seismos x+
1530	RC1	Max	0.96	0.00	0.04	0.00	0.00	0.05	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.03	-0.06	-2.42	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.64	0.00	-0.26	0.00	0.00	0.03	SLS - Characteristic
		Min	0.03	-0.04	-1.70	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.33	0.00	-0.55	0.00	0.00	0.02	SLS - Frequent
		Min	0.03	-0.02	-1.28	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.21	0.00	-0.67	0.00	0.00	0.01	SLS - Quasi-permanent
		Min	0.03	-0.01	-1.11	0.00	0.00	0.00	SLS - Quasi-permanent

4.1 NODES - SUPPORT FORCES

Result Combinations

Node No.	RC		Support Forces [kN] P_X	P_Y	P_Z	Support Moments [kNm] M_X	M_Y	M_Z	
1530	RC9	Max	0.98	0.01	0.14	0.00	0.00	0.01	seismos x+
		Min	-0.94	-0.01	-2.13	0.00	0.00	-0.01	seismos x+
1531	RC1	Max	0.52	0.00	0.05	0.00	0.00	0.05	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.00	-0.06	-4.53	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.34	0.00	-0.40	0.00	0.00	0.03	SLS - Characteristic
		Min	0.00	-0.04	-3.15	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.18	0.00	-0.85	0.00	0.00	0.02	SLS - Frequent
		Min	0.01	-0.02	-2.23	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.11	0.00	-1.03	0.00	0.00	0.01	SLS - Quasi-permanent
		Min	0.01	-0.01	-1.86	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	1.03	0.01	0.14	0.00	0.00	0.01	seismos x+
		Min	-1.02	-0.01	-3.41	0.00	0.00	-0.01	seismos x+
1616	RC1	Max	0.84	0.01	-1.51	0.00	0.00	0.05	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.01	0.00	-5.50	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.56	0.00	-1.51	0.00	0.00	0.03	SLS - Characteristic
		Min	-0.01	0.00	-3.80	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.28	0.00	-1.51	0.00	0.00	0.02	SLS - Frequent
		Min	-0.01	0.00	-2.66	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.16	0.00	-1.51	0.00	0.00	0.01	SLS - Quasi-permanent
		Min	-0.01	0.00	-2.20	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	1.00	0.00	0.62	0.00	0.00	0.01	seismos x+
		Min	-1.03	-0.01	-3.87	0.00	0.00	0.00	seismos x+
1617	RC1	Max	0.31	0.02	-2.35	0.00	0.00	0.05	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.09	0.00	-7.12	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.19	0.00	-2.35	0.00	0.00	0.03	SLS - Characteristic
		Min	-0.06	0.00	-4.96	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.07	0.00	-2.35	0.00	0.00	0.02	SLS - Frequent
		Min	-0.06	0.00	-3.65	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.02	0.00	-2.35	0.00	0.00	0.01	SLS - Quasi-permanent
		Min	-0.06	0.00	-3.13	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.98	0.01	-0.10	0.00	0.00	0.01	seismos x+
		Min	-1.09	-0.01	-4.92	0.00	0.00	0.00	seismos x+
1974	RC1	Max	0.27	0.00	-3.02	0.00	0.00	0.03	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.02	-0.01	-8.30	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.17	0.00	-3.07	0.00	0.00	0.02	SLS - Characteristic
		Min	-0.02	0.00	-5.85	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.08	0.00	-3.11	0.00	0.00	0.01	SLS - Frequent
		Min	-0.02	0.00	-4.51	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.04	0.00	-3.13	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.02	0.00	-3.97	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.77	0.01	-1.56	0.00	0.00	0.01	seismos x+
		Min	-0.80	-0.01	-5.39	0.00	0.00	-0.01	seismos x+
1975	RC1	Max	0.30	0.00	-2.53	0.00	0.00	0.03	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.19	-0.01	-9.75	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.21	0.00	-2.82	0.00	0.00	0.02	SLS - Characteristic
		Min	-0.12	0.00	-6.84	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.11	0.00	-3.12	0.00	0.00	0.01	SLS - Frequent
		Min	-0.06	0.00	-5.13	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.07	0.00	-3.24	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.03	0.00	-4.44	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.76	0.01	-0.33	0.00	0.00	0.01	seismos x+
		Min	-0.72	-0.01	-7.30	0.00	0.00	-0.01	seismos x+
3398	RC1	Max	1.37	0.02	-0.63	0.00	0.00	0.04	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.09	-0.71	-8.40	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.92	-0.01	-1.48	0.00	0.00	0.03	SLS - Characteristic
		Min	-0.03	-0.48	-5.92	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.51	-0.04	-2.32	0.00	0.00	0.01	SLS - Frequent
		Min	0.03	-0.27	-4.54	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.34	-0.05	-2.66	0.00	0.00	0.01	SLS - Quasi-permanent
		Min	0.06	-0.19	-4.00	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	4.33	0.35	0.96	0.00	0.00	0.03	seismos x+
		Min	-4.10	-0.51	-8.18	0.00	0.00	-0.03	seismos x+
3434	RC1	Max	1.26	-0.05	-0.04	0.00	0.00	0.02	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.19	-0.19	-5.51	0.00	0.00	-0.01	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.85	-0.05	-0.44	0.00	0.00	0.01	SLS - Characteristic
		Min	-0.10	-0.13	-3.79	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.47	-0.05	-0.83	0.00	0.00	0.01	SLS - Frequent
		Min	0.00	-0.09	-2.50	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.32	-0.05	-0.98	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.03	-0.07	-1.99	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	3.93	0.34	8.54	0.00	0.00	0.02	seismos x+
		Min	-3.72	-0.45	-11.32	0.00	0.00	-0.02	seismos x+
3724	RC1	Max	0.36	0.01	0.78	0.00	0.00	0.03	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.43	-0.01	-6.48	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.24	0.00	-0.15	0.00	0.00	0.02	SLS - Characteristic
		Min	-0.29	-0.01	-4.52	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.13	0.00	-1.08	0.00	0.00	0.01	SLS - Frequent
		Min	-0.14	0.00	-3.26	0.00	0.00	0.00	SLS - Frequent

4.1 NODES - SUPPORT FORCES

Result Combinations

Node No.	RC		Support Forces [kN] P_X	P_Y	P_Z	Support Moments [kNm] M_X	M_Y	M_Z	
3724	RC4	Max	0.08	0.00	-1.45	0.00	0.00	0.01	SLS - Quasi-permanent
		Min	-0.08	0.00	-2.76	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	1.00	0.01	5.83	0.00	0.00	0.00	seismos x+
		Min	-0.97	-0.01	-10.40	0.00	0.00	0.00	seismos x+
3808	RC1	Max	0.46	0.13	-1.73	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.04	-0.19	-3.73	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.31	0.09	-1.77	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.03	-0.11	-2.67	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.15	0.08	-1.81	0.00	0.00	0.00	SLS - Frequent
		Min	-0.01	-0.02	-2.26	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.09	0.07	-1.83	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.01	0.01	-2.10	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	1.57	1.00	2.43	0.00	0.00	0.00	seismos x+
		Min	-1.58	-0.85	-6.47	0.00	0.00	-0.01	seismos x+
3818	RC1	Max	0.66	0.05	8.69	0.00	0.00	0.02	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.71	-3.39	-4.45	0.00	0.00	-0.03	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.40	0.04	5.64	0.00	0.00	0.01	SLS - Characteristic
		Min	-0.48	-2.22	-3.01	0.00	0.00	-0.02	SLS - Characteristic
	RC3	Max	0.14	0.03	2.60	0.00	0.00	0.00	SLS - Frequent
		Min	-0.30	-1.10	-1.73	0.00	0.00	-0.01	SLS - Frequent
	RC4	Max	0.03	0.03	1.38	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.23	-0.65	-1.21	0.00	0.00	-0.01	SLS - Quasi-permanent
	RC9	Max	2.85	1.11	9.99	0.00	0.00	0.10	seismos x+
		Min	-3.14	-1.06	-10.83	0.00	0.00	-0.11	seismos x+
3825	RC1	Max	0.14	0.01	-1.01	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.03	-0.01	-7.07	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.09	0.01	-1.57	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.01	-0.01	-4.98	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.06	0.01	-2.13	0.00	0.00	0.00	SLS - Frequent
		Min	0.01	0.00	-3.83	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.05	0.01	-2.35	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.02	0.00	-3.37	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.35	0.08	3.03	0.00	0.00	0.01	seismos x+
		Min	-0.28	-0.07	-8.98	0.00	0.00	-0.01	seismos x+
3830	RC1	Max	0.11	0.02	0.48	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.04	-0.01	-6.93	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.07	0.01	-0.54	0.00	0.00	0.00	SLS - Characteristic
		Min	0.04	-0.01	-4.88	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.06	0.01	-1.57	0.00	0.00	0.00	SLS - Frequent
		Min	0.04	0.00	-3.74	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.05	0.01	-1.98	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.04	0.00	-3.28	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.13	0.08	3.15	0.00	0.00	0.00	seismos x+
		Min	-0.04	-0.07	-8.94	0.00	0.00	-0.01	seismos x+
3836	RC1	Max	0.05	0.03	-2.84	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.15	-0.01	-8.10	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.02	0.02	-2.84	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.11	-0.01	-5.68	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	-0.01	0.01	-2.84	0.00	0.00	0.00	SLS - Frequent
		Min	-0.07	0.00	-4.26	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	-0.02	0.01	-2.84	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.06	0.00	-3.69	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.35	0.05	-1.44	0.00	0.00	0.01	seismos x+
		Min	-0.43	-0.05	-5.03	0.00	0.00	-0.01	seismos x+
3841	RC1	Max	0.05	0.04	-2.39	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.09	-0.01	-8.38	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.02	0.03	-2.55	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.07	-0.01	-5.87	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.00	0.01	-2.72	0.00	0.00	0.00	SLS - Frequent
		Min	-0.05	0.00	-4.38	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	-0.01	0.01	-2.79	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.04	0.00	-3.79	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.16	0.06	-1.47	0.00	0.00	0.00	seismos x+
		Min	-0.23	-0.05	-5.15	0.00	0.00	0.00	seismos x+
3848	RC1	Max	0.20	0.04	-2.55	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.17	0.00	-7.17	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.14	0.02	-2.55	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.11	0.00	-5.03	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.07	0.01	-2.55	0.00	0.00	0.00	SLS - Frequent
		Min	-0.05	0.00	-3.80	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.05	0.01	-2.55	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.02	0.00	-3.30	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.87	0.01	-2.05	0.00	0.00	0.01	seismos x+
		Min	-0.85	-0.01	-3.83	0.00	0.00	0.00	seismos x+
3853	RC1	Max	0.23	0.04	-1.96	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.02	0.00	-7.48	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.16	0.02	-2.16	0.00	0.00	0.00	SLS - Characteristic
		Min	0.02	0.00	-5.24	0.00	0.00	0.00	SLS - Characteristic

4.1 NODES - SUPPORT FORCES

Result Combinations

Node No.	RC		Support Forces [kN] P_X	P_Y	P_Z	Support Moments [kNm] M_X	M_Y	M_Z	
3853	RC3	Max	0.09	0.01	-2.36	0.00	0.00	0.00	SLS - Frequent
		Min	0.02	0.00	-3.90	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.06	0.01	-2.44	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.02	0.00	-3.36	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.71	0.01	-2.19	0.00	0.00	0.00	seismos x+
		Min	-0.67	-0.01	-3.72	0.00	0.00	0.00	seismos x+
3860	RC1	Max	0.17	0.05	-1.90	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.10	0.00	-6.76	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.12	0.03	-1.90	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.06	0.00	-4.70	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.07	0.02	-1.90	0.00	0.00	0.00	SLS - Frequent
		Min	-0.02	0.00	-3.30	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.05	0.01	-1.90	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	0.00	-2.74	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.65	0.02	3.36	0.00	0.00	0.00	seismos x+
		Min	-0.60	-0.01	-7.71	0.00	0.00	0.00	seismos x+
3865	RC1	Max	0.17	0.05	-1.76	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.03	0.00	-6.81	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.12	0.03	-1.79	0.00	0.00	0.00	SLS - Characteristic
		Min	0.03	0.00	-4.73	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.07	0.02	-1.83	0.00	0.00	0.00	SLS - Frequent
		Min	0.03	0.00	-3.29	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.05	0.01	-1.84	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.03	0.00	-2.72	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.52	0.02	3.72	0.00	0.00	0.00	seismos x+
		Min	-0.46	-0.01	-8.00	0.00	0.00	0.00	seismos x+
3872	RC1	Max	0.04	0.03	-1.01	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.01	0.00	-5.13	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.02	0.02	-1.31	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.01	0.00	-3.61	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.01	0.01	-1.60	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	0.00	-2.76	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.01	0.01	-1.72	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	0.00	-2.41	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.16	0.04	0.78	0.00	0.00	0.01	seismos x+
		Min	-0.16	-0.03	-5.09	0.00	0.00	-0.01	seismos x+
3877	RC1	Max	0.21	0.03	-0.75	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.01	0.00	-5.13	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.14	0.02	-1.11	0.00	0.00	0.00	SLS - Characteristic
		Min	0.01	0.00	-3.60	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.07	0.01	-1.45	0.00	0.00	0.00	SLS - Frequent
		Min	0.01	0.00	-2.70	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.05	0.01	-1.59	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.01	0.00	-2.34	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.57	0.04	-0.71	0.00	0.00	0.01	seismos x+
		Min	-0.56	-0.04	-3.43	0.00	0.00	-0.01	seismos x+
3884	RC1	Max	0.01	0.04	-1.67	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.04	0.00	-4.72	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.01	0.02	-1.69	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.03	0.00	-3.32	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.00	0.01	-1.71	0.00	0.00	0.00	SLS - Frequent
		Min	-0.01	0.00	-2.53	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.00	0.01	-1.72	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.01	0.00	-2.21	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.05	0.04	-0.33	0.00	0.00	0.00	seismos x+
		Min	-0.05	-0.03	-3.54	0.00	0.00	0.00	seismos x+
3889	RC1	Max	0.04	0.04	-1.00	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.00	0.00	-4.30	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.03	0.02	-1.22	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	0.00	-3.03	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.02	0.01	-1.43	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	0.00	-2.34	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.01	0.01	-1.52	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	0.00	-2.06	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.07	0.04	0.44	0.00	0.00	0.00	seismos x+
		Min	-0.06	-0.04	-4.17	0.00	0.00	0.00	seismos x+
3933	RC1	Max	0.03	0.01	-0.59	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.00	0.00	-4.38	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.02	0.01	-1.05	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	0.00	-3.12	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.01	0.00	-1.50	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	0.00	-2.54	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.01	0.00	-1.69	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	0.00	-2.31	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.10	0.08	0.58	0.00	0.00	0.01	seismos x+
		Min	-0.09	-0.08	-4.90	0.00	0.00	-0.01	seismos x+
3942	RC1	Max	0.56	0.06	-1.56	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.07	-0.11	-4.04	0.00	0.00	-0.01	ULS (STR/GEO) - Permanent / transient - Eq. 6.10

4.1 NODES - SUPPORT FORCES

Result Combinations

Node No.	RC		Support Forces [kN] P_X	P_Y	P_Z	Support Moments [kNm] M_X	M_Y	M_Z	
3942	RC2	Max	0.37	0.02	-1.67	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.05	-0.08	-2.89	0.00	0.00	-0.01	SLS - Characteristic
	RC3	Max	0.19	-0.01	-1.78	0.00	0.00	0.00	SLS - Frequent
		Min	-0.02	-0.06	-2.39	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.11	-0.02	-1.82	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.01	-0.05	-2.19	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	1.98	1.12	-0.75	0.00	0.00	0.02	seismos x+
		Min	-1.99	-1.22	-3.45	0.00	0.00	-0.02	seismos x+
3947	RC1	Max	0.27	-0.01	-1.51	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.06	-0.09	-9.58	0.00	0.00	-0.01	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.19	-0.01	-2.13	0.00	0.00	0.00	SLS - Characteristic
		Min	0.06	-0.06	-6.73	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.12	-0.01	-2.75	0.00	0.00	0.00	SLS - Frequent
		Min	0.06	-0.03	-5.05	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.10	-0.01	-2.99	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.06	-0.02	-4.37	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.45	0.21	3.02	0.00	0.00	0.02	seismos x+
		Min	-0.31	-0.24	-10.64	0.00	0.00	-0.02	seismos x+
3952	RC1	Max	0.05	-0.02	-3.39	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.15	-0.06	-11.43	0.00	0.00	-0.01	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.02	-0.02	-3.39	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.10	-0.04	-7.96	0.00	0.00	-0.01	SLS - Characteristic
	RC3	Max	-0.01	-0.02	-3.39	0.00	0.00	0.00	SLS - Frequent
		Min	-0.07	-0.03	-5.68	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	-0.02	-0.02	-3.39	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.06	-0.02	-4.76	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.32	0.04	0.11	0.00	0.00	0.02	seismos x+
		Min	-0.42	-0.08	-8.07	0.00	0.00	-0.02	seismos x+
3958	RC1	Max	0.26	0.00	-2.57	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.02	0.00	-9.23	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.18	0.00	-2.68	0.00	0.00	0.00	SLS - Characteristic
		Min	0.02	0.00	-6.44	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.10	0.00	-2.80	0.00	0.00	0.00	SLS - Frequent
		Min	0.02	0.00	-4.67	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.07	0.00	-2.84	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.02	0.00	-3.97	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.86	0.00	-1.96	0.00	0.00	0.00	seismos x+
		Min	-0.81	-0.01	-4.95	0.00	0.00	-0.01	seismos x+
3964	RC1	Max	0.22	0.00	-2.44	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.03	0.00	-9.22	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.15	0.00	-2.44	0.00	0.00	0.00	SLS - Characteristic
		Min	0.03	0.00	-6.39	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.09	0.00	-2.44	0.00	0.00	0.00	SLS - Frequent
		Min	0.03	0.00	-4.42	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.07	0.00	-2.44	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.03	0.00	-3.63	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.60	0.00	2.47	0.00	0.00	0.00	seismos x+
		Min	-0.53	0.00	-8.25	0.00	0.00	0.00	seismos x+
3970	RC1	Max	0.22	0.00	-1.03	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.01	-0.02	-7.96	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.15	0.00	-1.55	0.00	0.00	0.00	SLS - Characteristic
		Min	0.01	-0.02	-5.57	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.08	0.00	-2.07	0.00	0.00	0.00	SLS - Frequent
		Min	0.01	-0.01	-4.08	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.05	0.00	-2.28	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.01	-0.01	-3.48	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.68	0.02	2.25	0.00	0.00	0.00	seismos x+
		Min	-0.65	-0.02	-8.30	0.00	0.00	-0.01	seismos x+
3976	RC1	Max	0.21	0.00	-2.76	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.00	-0.02	-9.42	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.14	0.00	-2.76	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	-0.02	-6.55	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.07	0.00	-2.76	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	-0.01	-4.66	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.04	0.00	-2.76	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	-0.01	-3.90	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.67	0.01	0.88	0.00	0.00	0.01	seismos x+
		Min	-0.66	-0.02	-7.32	0.00	0.00	-0.01	seismos x+
3994	RC1	Max	0.04	0.00	-2.32	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.00	0.00	-9.82	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.03	0.00	-2.69	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	0.00	-6.89	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.02	0.00	-3.05	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	0.00	-5.15	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.01	0.00	-3.20	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	0.00	-4.46	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.15	0.04	0.48	0.00	0.00	0.01	seismos x+
		Min	-0.15	-0.04	-8.18	0.00	0.00	-0.01	seismos x+
4002	RC1	Max	0.05	0.01	-3.48	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10

4.1 NODES - SUPPORT FORCES

Result Combinations

Node No.	RC		Support Forces [kN] P_X	P_Y	P_Z	Support Moments [kNm] M_X	M_Y	M_Z	
4002 4002		Min	0.00	0.00	-11.77	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.04	0.00	-3.50	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	0.00	-8.19	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.02	0.00	-3.51	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	0.00	-5.86	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.01	0.00	-3.52	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	0.00	-4.93	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.18	0.01	-1.04	0.00	0.00	0.01	seismos x+
		Min	-0.17	-0.01	-7.21	0.00	0.00	-0.01	seismos x+
4006	RC1	Max	0.06	0.00	-3.05	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.01	0.00	-10.47	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.05	0.00	-3.11	0.00	0.00	0.00	SLS - Characteristic
		Min	0.01	0.00	-7.30	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.03	0.00	-3.17	0.00	0.00	0.00	SLS - Frequent
		Min	0.01	0.00	-5.26	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.02	0.00	-3.19	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.01	0.00	-4.45	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.19	0.00	-2.73	0.00	0.00	0.00	seismos x+
		Min	-0.18	0.00	-4.92	0.00	0.00	0.00	seismos x+
4010	RC1	Max	0.05	0.00	-2.65	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.01	0.00	-9.81	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.03	0.00	-2.65	0.00	0.00	0.00	SLS - Characteristic
		Min	0.01	0.00	-6.80	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.02	0.00	-2.65	0.00	0.00	0.00	SLS - Frequent
		Min	0.01	0.00	-4.73	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.01	0.00	-2.65	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.01	0.00	-3.89	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.14	0.00	1.62	0.00	0.00	0.00	seismos x+
		Min	-0.13	0.00	-7.89	0.00	0.00	0.00	seismos x+
4014	RC1	Max	0.08	0.00	-1.79	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.00	-0.01	-9.03	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.05	0.00	-2.15	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	-0.01	-6.30	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.03	0.00	-2.51	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	0.00	-4.59	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.02	0.00	-2.65	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	0.00	-3.90	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.23	0.01	0.28	0.00	0.00	0.00	seismos x+
		Min	-0.22	-0.01	-6.99	0.00	0.00	0.00	seismos x+
4018	RC1	Max	0.07	0.00	-2.50	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.00	-0.01	-9.84	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.05	0.00	-2.66	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	-0.01	-6.86	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.02	0.00	-2.81	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	0.00	-4.91	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.02	0.00	-2.87	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	0.00	-4.13	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.23	0.01	-0.95	0.00	0.00	0.00	seismos x+
		Min	-0.22	-0.01	-5.99	0.00	0.00	0.00	seismos x+
4046	RC1	Max	0.05	0.01	0.65	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.00	-0.02	-4.35	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.04	0.01	-0.21	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	-0.01	-3.09	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.02	0.01	-1.06	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	0.00	-2.51	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.01	0.01	-1.41	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	0.00	-2.27	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.20	0.12	4.42	0.00	0.00	0.00	seismos x+
		Min	-0.19	-0.11	-8.77	0.00	0.00	0.00	seismos x+
4051	RC1	Max	0.06	0.01	0.13	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.00	0.00	-6.62	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.04	0.01	-0.80	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	0.00	-4.68	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.02	0.00	-1.74	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	0.00	-3.67	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.01	0.00	-2.11	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	0.00	-3.27	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.22	0.08	2.23	0.00	0.00	0.00	seismos x+
		Min	-0.22	-0.08	-8.10	0.00	0.00	0.00	seismos x+
4055	RC1	Max	0.07	0.01	-1.18	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.00	0.00	-7.98	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.05	0.01	-1.76	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	0.00	-5.61	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.03	0.00	-2.34	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	0.00	-4.26	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.02	0.00	-2.57	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	0.00	-3.72	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.24	0.02	-1.11	0.00	0.00	0.01	seismos x+
		Min	-0.23	-0.02	-5.45	0.00	0.00	-0.01	seismos x+

4.1 NODES - SUPPORT FORCES

Result Combinations

Node No.	RC		Support Forces [kN] P_X	P_Y	P_Z	Support Moments [kNm] M_X	M_Y	M_Z	
4059	RC1	Max	0.07	0.00	-0.93	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.00	-0.01	-7.44	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.05	0.00	-1.53	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	0.00	-5.23	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.03	0.00	-2.12	0.00	0.00	0.00	SLS - Frequent
		Min	0.01	0.00	-3.97	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.02	0.00	-2.36	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.01	0.00	-3.47	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.23	0.00	-2.14	0.00	0.00	0.00	seismos x+
		Min	-0.22	-0.01	-4.05	0.00	0.00	0.00	seismos x+
4063	RC1	Max	0.06	0.00	-0.22	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.00	0.00	-7.73	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.04	0.00	-0.89	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	0.00	-5.38	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.02	0.00	-1.55	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	0.00	-3.80	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.02	0.00	-1.82	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	0.00	-3.16	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.19	0.00	4.17	0.00	0.00	0.00	seismos x+
		Min	-0.18	0.00	-9.30	0.00	0.00	0.00	seismos x+
4067	RC1	Max	0.06	0.00	-0.78	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.00	-0.02	-6.47	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.04	0.00	-1.30	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	-0.01	-4.55	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.02	0.00	-1.82	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	-0.01	-3.44	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.01	0.00	-2.03	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	-0.01	-3.00	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.20	0.01	2.51	0.00	0.00	0.01	seismos x+
		Min	-0.20	-0.02	-7.85	0.00	0.00	-0.01	seismos x+
4071	RC1	Max	0.06	0.00	-1.61	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.00	-0.02	-5.94	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.04	0.00	-1.81	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	-0.01	-4.18	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.02	0.00	-2.02	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	-0.01	-3.20	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.01	0.00	-2.10	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	-0.01	-2.81	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.19	0.01	-1.87	0.00	0.00	0.01	seismos x+
		Min	-0.19	-0.02	-3.16	0.00	0.00	-0.01	seismos x+
4092	RC1	Max	0.00	0.00	-0.11	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.00	0.00	-0.19	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.00	0.00	-0.12	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	0.00	-0.14	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.00	0.00	-0.12	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	0.00	-0.13	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.00	0.00	-0.12	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	0.00	-0.13	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.01	0.03	-0.07	0.00	0.00	0.00	seismos x+
		Min	-0.01	-0.03	-0.17	0.00	0.00	0.00	seismos x+
4096	RC1	Max	0.01	0.00	-0.07	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.00	0.00	-0.22	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.01	0.00	-0.09	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	0.00	-0.16	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.00	0.00	-0.11	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	0.00	-0.14	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.00	0.00	-0.11	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	0.00	-0.14	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.01	0.02	0.06	0.00	0.00	0.00	seismos x+
		Min	-0.01	-0.02	-0.31	0.00	0.00	0.00	seismos x+
4104	RC1	Max	0.03	0.00	-2.41	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.01	-0.01	-5.97	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.02	0.00	-2.41	0.00	0.00	0.00	SLS - Characteristic
		Min	0.01	0.00	-4.22	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.02	0.00	-2.41	0.00	0.00	0.00	SLS - Frequent
		Min	0.01	0.00	-3.32	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.01	0.00	-2.41	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.01	0.00	-2.95	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.17	0.05	-1.35	0.00	0.00	0.01	seismos x+
		Min	-0.15	-0.05	-3.94	0.00	0.00	-0.01	seismos x+
4108	RC1	Max	0.02	0.00	-2.70	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.02	0.00	-8.40	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.01	0.00	-2.75	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.01	0.00	-5.88	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.00	0.00	-2.79	0.00	0.00	0.00	SLS - Frequent
		Min	-0.01	0.00	-4.36	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.00	0.00	-2.81	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.01	0.00	-3.75	0.00	0.00	0.00	SLS - Quasi-permanent

4.1 NODES - SUPPORT FORCES

Result Combinations

Node No.	RC		Support Forces [kN] P_X	P_Y	P_Z	Support Moments [kNm] M_X	M_Y	M_Z	
4108	RC9	Max	0.13	0.02	-1.32	0.00	0.00	0.01	seismos x+
		Min	-0.14	-0.02	-5.20	0.00	0.00	-0.01	seismos x+
4124	RC1	Max	0.00	0.01	-0.08	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.01	0.00	-0.11	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.00	0.01	-0.08	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	0.00	-0.08	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.00	0.00	-0.08	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	0.00	-0.08	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.00	0.00	-0.08	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	0.00	-0.08	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.01	0.04	-0.07	0.00	0.00	0.01	seismos x+
		Min	-0.01	-0.03	-0.09	0.00	0.00	-0.01	seismos x+
4130	RC1	Max	0.01	0.01	-1.22	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.03	-0.02	-5.10	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.01	0.01	-1.62	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.02	-0.01	-3.64	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.00	0.01	-2.02	0.00	0.00	0.00	SLS - Frequent
		Min	-0.01	0.00	-3.03	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.00	0.01	-2.18	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.01	0.00	-2.78	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.08	0.19	3.66	0.00	0.00	0.01	seismos x+
		Min	-0.09	-0.18	-8.80	0.00	0.00	-0.01	seismos x+
4140	RC1	Max	0.00	0.00	-0.05	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.01	0.00	-0.29	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.00	0.00	-0.07	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.01	0.00	-0.20	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.00	0.00	-0.09	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	0.00	-0.16	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.00	0.00	-0.10	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	0.00	-0.14	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.02	0.00	0.10	0.00	0.00	0.01	seismos x+
		Min	-0.02	0.00	-0.31	0.00	0.00	-0.01	seismos x+
4148	RC1	Max	0.03	0.00	-2.13	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.01	0.00	-7.04	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.02	0.00	-2.28	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	0.00	-4.95	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.01	0.00	-2.43	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	0.00	-3.76	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.01	0.00	-2.49	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	0.00	-3.29	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.17	0.00	0.34	0.00	0.00	0.01	seismos x+
		Min	-0.16	0.00	-6.17	0.00	0.00	-0.01	seismos x+
4160	RC1	Max	0.00	0.02	-0.03	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.01	0.00	-0.10	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.00	0.02	-0.04	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.01	0.00	-0.07	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.00	0.01	-0.06	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	0.00	-0.07	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.00	0.00	-0.06	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	0.00	-0.07	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.02	0.02	-0.01	0.00	0.00	0.01	seismos x+
		Min	-0.02	-0.02	-0.14	0.00	0.00	-0.01	seismos x+
4168	RC1	Max	0.02	0.02	-2.13	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.00	0.00	-6.97	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.01	0.01	-2.21	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	0.00	-4.89	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.01	0.01	-2.29	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	0.00	-3.63	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.01	0.00	-2.33	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	0.00	-3.13	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.12	0.02	4.00	0.00	0.00	0.01	seismos x+
		Min	-0.11	-0.02	-9.19	0.00	0.00	-0.01	seismos x+
4170	RC1	Max	0.03	0.00	-0.59	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.05	-0.02	-5.60	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.02	0.00	-1.18	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.03	-0.02	-3.97	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.01	0.00	-1.77	0.00	0.00	0.00	SLS - Frequent
		Min	-0.01	-0.01	-3.16	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.01	0.00	-2.00	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.01	0.00	-2.84	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.11	0.02	5.67	0.00	0.00	0.01	seismos x+
		Min	-0.10	-0.02	-10.87	0.00	0.00	-0.01	seismos x+
4182	RC1	Max	0.04	0.00	-1.07	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.03	-0.03	-7.34	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.03	0.00	-1.69	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.02	-0.02	-5.19	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.02	0.00	-2.30	0.00	0.00	0.00	SLS - Frequent
		Min	-0.01	-0.01	-4.05	0.00	0.00	0.00	SLS - Frequent

4.1 NODES - SUPPORT FORCES

Result Combinations

Node No.	RC		Support Forces [kN] P_X	P_Y	P_Z	Support Moments [kNm] M_X	M_Y	M_Z	
4182	RC4	Max	0.01	0.00	-2.55	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	0.00	-3.60	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.14	0.02	5.30	0.00	0.00	0.01	seismos x+
		Min	-0.13	-0.02	-11.81	0.00	0.00	-0.01	seismos x+
4192	RC1	Max	0.02	0.00	-2.86	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.07	-0.01	-10.23	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.01	0.00	-2.86	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.05	-0.01	-7.10	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.01	0.00	-2.86	0.00	0.00	0.00	SLS - Frequent
		Min	-0.03	0.00	-4.98	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.00	0.00	-2.86	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.02	0.00	-4.13	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.10	0.01	4.04	0.00	0.00	0.01	seismos x+
		Min	-0.11	-0.01	-10.69	0.00	0.00	-0.01	seismos x+
4198	RC1	Max	0.02	0.00	-3.51	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.04	-0.01	-13.06	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.01	0.00	-3.51	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.03	-0.01	-9.06	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.00	0.00	-3.51	0.00	0.00	0.00	SLS - Frequent
		Min	-0.02	0.00	-6.28	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.00	0.00	-3.51	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.01	0.00	-5.18	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.12	0.01	3.34	0.00	0.00	0.01	seismos x+
		Min	-0.13	-0.01	-11.68	0.00	0.00	-0.01	seismos x+
4208	RC1	Max	0.03	0.00	-1.24	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.07	-0.01	-6.45	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.02	0.00	-1.57	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.05	-0.01	-4.53	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.01	0.00	-1.91	0.00	0.00	0.00	SLS - Frequent
		Min	-0.03	0.00	-3.39	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.00	0.00	-2.05	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.02	0.00	-2.94	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.10	0.01	1.86	0.00	0.00	0.01	seismos x+
		Min	-0.11	-0.01	-7.10	0.00	0.00	-0.01	seismos x+
4214	RC1	Max	0.03	0.00	-1.48	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.04	-0.02	-8.27	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.02	0.00	-1.88	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.03	-0.01	-5.78	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.01	0.00	-2.28	0.00	0.00	0.00	SLS - Frequent
		Min	-0.02	0.00	-4.23	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.00	0.00	-2.44	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.01	0.00	-3.61	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.13	0.01	2.82	0.00	0.00	0.01	seismos x+
		Min	-0.14	-0.01	-9.16	0.00	0.00	-0.01	seismos x+
4224	RC1	Max	0.06	0.00	-2.74	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.04	-0.01	-8.37	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.04	0.00	-2.75	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.03	-0.01	-5.85	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.03	0.00	-2.75	0.00	0.00	0.00	SLS - Frequent
		Min	-0.01	0.00	-4.30	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.02	0.00	-2.75	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	0.00	-3.69	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.13	0.01	-1.26	0.00	0.00	0.01	seismos x+
		Min	-0.10	-0.01	-5.19	0.00	0.00	-0.01	seismos x+
4230	RC1	Max	0.07	0.00	-3.29	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.02	-0.01	-10.85	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.05	0.00	-3.30	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.01	-0.01	-7.57	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.03	0.00	-3.31	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	0.00	-5.44	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.02	0.00	-3.31	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.01	0.00	-4.59	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.17	0.01	-2.97	0.00	0.00	0.01	seismos x+
		Min	-0.14	-0.01	-4.93	0.00	0.00	-0.01	seismos x+
4240	RC1	Max	0.02	0.00	-2.59	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.06	-0.01	-8.15	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.02	0.00	-2.59	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.04	0.00	-5.70	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.01	0.00	-2.59	0.00	0.00	0.00	SLS - Frequent
		Min	-0.02	0.00	-4.14	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.01	0.00	-2.59	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.01	0.00	-3.52	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.08	0.01	-1.89	0.00	0.00	0.01	seismos x+
		Min	-0.07	-0.01	-4.22	0.00	0.00	-0.01	seismos x+
4246	RC1	Max	0.03	0.00	-3.03	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.04	-0.01	-10.65	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.02	0.00	-3.06	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.03	-0.01	-7.41	0.00	0.00	0.00	SLS - Characteristic

4.1 NODES - SUPPORT FORCES

Result Combinations

Node No.	RC		Support Forces [kN] P_X	P_Y	P_Z	Support Moments [kNm] M_X	M_Y	M_Z	
4246	RC3	Max	0.01	0.00	-3.08	0.00	0.00	0.00	SLS - Frequent
		Min	-0.01	0.00	-5.26	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.01	0.00	-3.09	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.01	0.00	-4.40	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.10	0.01	-2.92	0.00	0.00	0.01	seismos x+
		Min	-0.10	-0.01	-4.58	0.00	0.00	-0.01	seismos x+
4253	RC1	Max	0.14	0.00	0.08	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.07	-0.02	-0.26	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.08	0.00	0.06	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.05	-0.01	-0.16	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.02	0.00	0.05	0.00	0.00	0.00	SLS - Frequent
		Min	-0.04	-0.01	-0.06	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.00	0.00	0.05	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.04	-0.01	-0.02	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	4.04	0.08	4.86	0.00	0.00	0.02	seismos x+
		Min	-4.13	-0.09	-4.77	0.00	0.00	-0.02	seismos x+
4254	RC1	Max	0.18	0.01	0.06	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.04	-0.01	-0.34	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.11	0.00	0.05	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.03	-0.01	-0.22	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.05	0.00	0.04	0.00	0.00	0.00	SLS - Frequent
		Min	-0.03	-0.01	-0.09	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.02	0.00	0.04	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.02	-0.01	-0.04	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	11.13	0.06	13.37	0.00	0.00	0.01	seismos x+
		Min	-11.16	-0.07	-13.31	0.00	0.00	-0.01	seismos x+
4255	RC1	Max	0.12	0.02	0.07	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.04	0.00	-0.18	0.00	0.00	-0.01	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.08	0.02	0.05	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.03	0.00	-0.11	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.03	0.01	0.04	0.00	0.00	0.00	SLS - Frequent
		Min	-0.02	0.00	-0.04	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.02	0.01	0.03	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.01	0.00	-0.02	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	10.69	0.07	12.80	0.00	0.00	0.01	seismos x+
		Min	-10.71	-0.06	-12.75	0.00	0.00	-0.02	seismos x+
4256	RC1	Max	0.07	0.01	0.05	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.05	-0.01	-0.09	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.05	0.01	0.02	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.03	-0.01	-0.06	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.04	0.00	0.00	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	0.00	-0.05	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.03	0.00	-0.01	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.01	0.00	-0.04	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	3.05	0.04	3.49	0.00	0.00	0.02	seismos x+
		Min	-3.01	-0.04	-3.54	0.00	0.00	-0.02	seismos x+
4272	RC1	Max	0.00	-0.01	-1.70	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.00	-0.03	-2.86	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.00	-0.01	-1.71	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	-0.02	-2.07	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.00	-0.01	-1.72	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	-0.02	-1.90	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.00	-0.01	-1.72	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	-0.01	-1.83	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.04	0.28	7.25	0.00	0.00	0.00	seismos x+
		Min	-0.04	-0.31	-10.74	0.00	0.00	0.00	seismos x+
4273	RC1	Max	0.00	0.00	-0.81	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.00	-0.01	-1.55	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.00	0.00	-0.81	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	-0.01	-1.11	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.00	0.00	-0.81	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	0.00	-0.96	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.00	0.00	-0.81	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	0.00	-0.90	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.14	0.04	-0.31	0.00	0.00	0.01	seismos x+
		Min	-0.14	-0.05	-1.33	0.00	0.00	-0.01	seismos x+
4294	RC1	Max	0.00	0.01	-2.12	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.00	0.00	-3.81	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.00	0.01	-2.12	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	0.00	-2.74	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.00	0.00	-2.12	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	0.00	-2.43	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.00	0.00	-2.12	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	0.00	-2.30	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.04	0.18	17.34	0.00	0.00	0.00	seismos x+
		Min	-0.05	-0.18	-21.63	0.00	0.00	0.00	seismos x+
4295	RC1	Max	0.00	0.00	-0.92	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.00	0.00	-1.94	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10

4.1 NODES - SUPPORT FORCES

Result Combinations

Node No.	RC		Support Forces [kN] P_X	P_Y	P_Z	Support Moments [kNm] M_X	M_Y	M_Z	
4295	RC2	Max	0.00	0.00	-0.92	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	0.00	-1.38	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.00	0.00	-0.92	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	0.00	-1.15	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.00	0.00	-0.92	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	0.00	-1.06	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.16	0.03	0.22	0.00	0.00	0.00	seismos x+
		Min	-0.16	-0.03	-2.10	0.00	0.00	0.00	seismos x+
4299	RC1	Max	0.06	0.00	-2.05	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.01	0.00	-6.58	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.04	0.00	-2.27	0.00	0.00	0.00	SLS - Characteristic
		Min	0.01	0.00	-4.66	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.02	0.00	-2.50	0.00	0.00	0.00	SLS - Frequent
		Min	0.01	0.00	-3.69	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.02	0.00	-2.59	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.01	0.00	-3.30	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.31	0.02	-1.32	0.00	0.00	0.01	seismos x+
		Min	-0.29	-0.02	-4.65	0.00	0.00	-0.01	seismos x+
4303	RC1	Max	0.04	0.00	-2.77	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.02	0.00	-8.96	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.03	0.00	-2.89	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.01	0.00	-6.28	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.01	0.00	-3.02	0.00	0.00	0.00	SLS - Frequent
		Min	-0.01	0.00	-4.71	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.01	0.00	-3.07	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.01	0.00	-4.08	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.28	0.01	-1.90	0.00	0.00	0.01	seismos x+
		Min	-0.28	-0.02	-5.24	0.00	0.00	-0.01	seismos x+
4311	RC1	Max	0.08	0.00	0.56	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.01	0.00	-8.14	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.05	0.00	-0.87	0.00	0.00	0.00	SLS - Characteristic
		Min	0.01	0.00	-5.80	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.03	0.00	-2.29	0.00	0.00	0.00	SLS - Frequent
		Min	0.01	0.00	-4.76	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.02	0.00	-2.86	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.01	0.00	-4.34	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.42	0.02	8.58	0.00	0.00	0.01	seismos x+
		Min	-0.40	-0.02	-16.65	0.00	0.00	-0.01	seismos x+
4315	RC1	Max	0.07	0.00	-0.21	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.02	-0.01	-9.79	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.05	0.00	-1.49	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.01	0.00	-6.93	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.02	0.00	-2.78	0.00	0.00	0.00	SLS - Frequent
		Min	-0.01	0.00	-5.50	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.01	0.00	-3.29	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.01	0.00	-4.92	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.40	0.01	0.48	0.00	0.00	0.01	seismos x+
		Min	-0.41	-0.02	-9.40	0.00	0.00	-0.01	seismos x+
4331	RC1	Max	0.06	0.03	-1.14	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.01	-0.01	-5.96	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.04	0.02	-1.71	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	-0.01	-4.26	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.02	0.01	-2.27	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	-0.01	-3.54	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.01	0.00	-2.49	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	0.00	-3.26	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.33	0.18	3.23	0.00	0.00	0.01	seismos x+
		Min	-0.33	-0.19	-9.30	0.00	0.00	-0.01	seismos x+
4337	RC1	Max	0.09	0.03	0.48	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.01	-0.01	-7.58	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.06	0.02	-0.91	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.01	-0.01	-5.42	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.03	0.01	-2.29	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	-0.01	-4.54	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.02	0.00	-2.84	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	-0.01	-4.19	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.52	0.25	9.79	0.00	0.00	0.01	seismos x+
		Min	-0.52	-0.27	-17.73	0.00	0.00	-0.01	seismos x+
4347	RC1	Max	0.07	0.00	-2.00	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.01	0.00	-7.70	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.04	0.00	-2.29	0.00	0.00	0.00	SLS - Characteristic
		Min	0.01	0.00	-5.42	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.03	0.00	-2.59	0.00	0.00	0.00	SLS - Frequent
		Min	0.01	0.00	-4.15	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.02	0.00	-2.71	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.01	0.00	-3.65	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.37	0.00	0.05	0.00	0.00	0.01	seismos x+
		Min	-0.35	0.00	-6.55	0.00	0.00	-0.01	seismos x+
4355	RC1	Max	0.09	0.00	0.65	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10

4.1 NODES - SUPPORT FORCES

Result Combinations

Node No.	RC		Support Forces [kN] P_X	P_Y	P_Z	Support Moments [kNm] M_X	M_Y	M_Z	
4355 4355		Min	0.01	0.00	-9.26	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.06	0.00	-0.86	0.00	0.00	0.00	SLS - Characteristic
		Min	0.01	0.00	-6.56	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.03	0.00	-2.38	0.00	0.00	0.00	SLS - Frequent
		Min	0.01	0.00	-5.23	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.02	0.00	-2.98	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.01	0.00	-4.69	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.50	0.00	-1.34	0.00	0.00	0.01	seismos x+
		Min	-0.49	0.00	-7.20	0.00	0.00	-0.01	seismos x+
4367	RC1	Max	0.05	0.03	-1.69	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.00	0.00	-8.08	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.03	0.02	-2.07	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	0.00	-5.67	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.02	0.01	-2.45	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	0.00	-4.25	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.01	0.00	-2.60	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	0.00	-3.68	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.29	0.02	3.37	0.00	0.00	0.01	seismos x+
		Min	-0.28	-0.02	-9.58	0.00	0.00	-0.01	seismos x+
4375	RC1	Max	0.08	0.01	1.53	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.01	0.00	-10.29	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.05	0.01	-0.21	0.00	0.00	0.00	SLS - Characteristic
		Min	0.01	0.00	-7.23	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.03	0.00	-1.95	0.00	0.00	0.00	SLS - Frequent
		Min	0.01	0.00	-5.46	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.02	0.00	-2.65	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.01	0.00	-4.76	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.42	0.01	4.49	0.00	0.00	0.01	seismos x+
		Min	-0.41	-0.01	-12.60	0.00	0.00	-0.01	seismos x+
4377	RC1	Max	0.07	0.00	-1.00	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.01	-0.01	-7.82	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.04	0.00	-1.71	0.00	0.00	0.00	SLS - Characteristic
		Min	0.01	-0.01	-5.53	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.02	0.00	-2.43	0.00	0.00	0.00	SLS - Frequent
		Min	0.01	-0.01	-4.34	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.02	0.00	-2.71	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.01	0.00	-3.86	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.29	0.04	4.73	0.00	0.00	0.02	seismos x+
		Min	-0.28	-0.04	-11.75	0.00	0.00	-0.02	seismos x+
4389	RC1	Max	0.12	0.00	0.56	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.01	-0.02	-8.41	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.08	0.00	-0.88	0.00	0.00	0.00	SLS - Characteristic
		Min	0.01	-0.01	-5.98	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.04	0.00	-2.31	0.00	0.00	0.00	SLS - Frequent
		Min	0.01	-0.01	-4.87	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.03	0.00	-2.89	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.01	0.00	-4.42	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.45	0.04	8.30	0.00	0.00	0.02	seismos x+
		Min	-0.43	-0.04	-16.56	0.00	0.00	-0.02	seismos x+
4399	RC1	Max	0.05	0.00	-3.67	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.02	-0.01	-13.51	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.03	0.00	-3.69	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.01	-0.01	-9.37	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.01	0.00	-3.71	0.00	0.00	0.00	SLS - Frequent
		Min	-0.01	0.00	-6.55	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.01	0.00	-3.71	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.01	0.00	-5.42	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.27	0.01	3.32	0.00	0.00	0.01	seismos x+
		Min	-0.28	-0.01	-12.08	0.00	0.00	-0.01	seismos x+
4405	RC1	Max	0.10	0.00	-2.98	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.02	-0.01	-13.78	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.07	0.00	-3.47	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.02	-0.01	-9.63	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.03	0.00	-3.96	0.00	0.00	0.00	SLS - Frequent
		Min	-0.01	0.00	-7.04	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.01	0.00	-4.15	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.01	0.00	-6.00	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.43	0.01	5.09	0.00	0.00	0.01	seismos x+
		Min	-0.45	-0.01	-15.16	0.00	0.00	-0.01	seismos x+
4415	RC1	Max	0.06	0.00	-1.58	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.01	-0.02	-8.58	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.04	0.00	-1.99	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.01	-0.01	-6.00	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.02	0.00	-2.41	0.00	0.00	0.00	SLS - Frequent
		Min	-0.01	-0.01	-4.41	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.01	0.00	-2.57	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	0.00	-3.77	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.29	0.01	2.84	0.00	0.00	0.01	seismos x+
		Min	-0.29	-0.02	-9.45	0.00	0.00	-0.01	seismos x+

4.1 NODES - SUPPORT FORCES

Result Combinations

Node No.	RC		Support Forces [kN] P_X	P_Y	P_Z	Support Moments [kNm] M_X	M_Y	M_Z	
4421	RC1	Max	0.12	0.00	0.46	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.01	-0.02	-8.64	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.08	0.00	-0.82	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	-0.01	-6.10	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.04	0.00	-2.09	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	-0.01	-4.74	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.02	0.00	-2.61	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	0.00	-4.19	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.47	0.01	5.80	0.00	0.00	0.01	seismos x+
		Min	-0.48	-0.02	-13.47	0.00	0.00	-0.01	seismos x+
4431	RC1	Max	0.08	0.00	-3.29	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.01	-0.01	-11.22	0.00	0.00	-0.01	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.06	0.00	-3.35	0.00	0.00	0.00	SLS - Characteristic
		Min	0.01	-0.01	-7.83	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.04	0.00	-3.41	0.00	0.00	0.00	SLS - Frequent
		Min	0.01	-0.01	-5.65	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.03	0.00	-3.43	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.01	0.00	-4.77	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.33	0.03	-3.31	0.00	0.00	0.02	seismos x+
		Min	-0.30	-0.03	-4.91	0.00	0.00	-0.02	seismos x+
4437	RC1	Max	0.13	0.00	-1.67	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.02	-0.02	-10.25	0.00	0.00	-0.01	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.09	0.00	-2.44	0.00	0.00	0.00	SLS - Characteristic
		Min	0.02	-0.01	-7.23	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.05	0.00	-3.20	0.00	0.00	0.00	SLS - Frequent
		Min	0.02	-0.01	-5.60	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.04	0.00	-3.51	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.02	0.00	-4.95	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.50	0.03	-0.85	0.00	0.00	0.02	seismos x+
		Min	-0.46	-0.03	-8.09	0.00	0.00	-0.02	seismos x+
4447	RC1	Max	0.06	0.00	-3.29	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.00	-0.02	-11.06	0.00	0.00	-0.01	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.04	0.00	-3.30	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	-0.01	-7.70	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.02	0.00	-3.30	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	-0.01	-5.50	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.01	0.00	-3.30	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	-0.01	-4.62	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.25	0.06	-3.14	0.00	0.00	0.02	seismos x+
		Min	-0.25	-0.06	-4.74	0.00	0.00	-0.02	seismos x+
4453	RC1	Max	0.10	0.00	-2.76	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.00	-0.02	-11.14	0.00	0.00	-0.01	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.07	0.00	-3.25	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	-0.01	-7.85	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.04	0.00	-3.75	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	-0.01	-6.04	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.02	0.00	-3.94	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	0.00	-5.32	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.40	0.06	-3.32	0.00	0.00	0.02	seismos x+
		Min	-0.39	-0.06	-6.17	0.00	0.00	-0.02	seismos x+
4496	RC1	Max	0.00	0.09	-2.06	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.00	0.06	-3.23	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.00	0.06	-2.06	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	0.06	-2.36	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.00	0.06	-2.06	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	0.06	-2.21	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.00	0.06	-2.06	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	0.06	-2.15	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.01	0.54	16.75	0.00	0.00	0.00	seismos x+
		Min	-0.01	-0.43	-20.89	0.00	0.00	-0.01	seismos x+
4497	RC1	Max	0.01	0.02	-0.97	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.00	0.01	-1.68	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.00	0.02	-0.97	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	0.01	-1.22	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.00	0.01	-0.98	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	0.01	-1.10	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.00	0.01	-0.98	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	0.01	-1.06	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.19	0.05	0.04	0.00	0.00	0.00	seismos x+
		Min	-0.18	-0.02	-2.02	0.00	0.00	0.00	seismos x+
4506	RC1	Max	0.00	0.01	-1.49	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.00	-0.01	-2.16	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.00	0.00	-1.52	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	-0.01	-1.60	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.00	0.00	-1.54	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	-0.01	-1.58	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.00	0.00	-1.55	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	-0.01	-1.58	0.00	0.00	0.00	SLS - Quasi-permanent

4.1 NODES - SUPPORT FORCES

Result Combinations

Node No.	RC		Support Forces [kN] P_X	P_Y	P_Z	Support Moments [kNm] M_X	M_Y	M_Z	
4506	RC9	Max	0.01	0.15	5.79	0.00	0.00	0.00	seismos x+
		Min	-0.01	-0.16	-8.89	0.00	0.00	0.00	seismos x+
4507	RC1	Max	0.00	-0.01	-0.88	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.00	-0.03	-1.30	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.00	-0.02	-0.90	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	-0.02	-0.96	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.00	-0.02	-0.92	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	-0.02	-0.95	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.00	-0.02	-0.92	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	-0.02	-0.94	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.05	0.01	-0.60	0.00	0.00	0.00	seismos x+
		Min	-0.05	-0.05	-1.26	0.00	0.00	-0.01	seismos x+
4594	RC1	Max	0.00	-0.01	-0.46	0.00	0.00	0.01	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.01	-0.38	-3.79	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.00	-0.02	-0.82	0.00	0.00	0.01	SLS - Characteristic
		Min	-0.01	-0.26	-2.68	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.00	-0.03	-1.18	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	-0.15	-2.11	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.00	-0.03	-1.33	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	-0.10	-1.88	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.01	1.52	11.62	0.00	0.00	0.03	seismos x+
		Min	-0.02	-1.60	-14.81	0.00	0.00	-0.03	seismos x+
4595	RC1	Max	0.01	0.04	-0.67	0.00	0.00	0.01	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.00	-0.03	-1.49	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.01	0.02	-0.67	0.00	0.00	0.01	SLS - Characteristic
		Min	0.00	-0.02	-1.06	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.00	0.00	-0.67	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	-0.02	-0.87	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.00	0.00	-0.67	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	-0.01	-0.79	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.02	0.14	0.37	0.00	0.00	0.04	seismos x+
		Min	-0.02	-0.17	-1.74	0.00	0.00	-0.04	seismos x+
4606	RC1	Max	0.00	-0.01	-0.67	0.00	0.00	0.01	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.00	-0.48	-4.09	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.00	-0.01	-1.28	0.00	0.00	0.01	SLS - Characteristic
		Min	0.00	-0.32	-2.97	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.00	-0.01	-1.89	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	-0.17	-2.74	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.00	-0.01	-2.14	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	-0.11	-2.64	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.05	1.75	17.55	0.00	0.00	0.03	seismos x+
		Min	-0.05	-1.79	-22.81	0.00	0.00	-0.02	seismos x+
4607	RC1	Max	0.01	0.05	-1.12	0.00	0.00	0.01	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.00	-0.01	-2.15	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.00	0.03	-1.12	0.00	0.00	0.01	SLS - Characteristic
		Min	0.00	-0.01	-1.54	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.00	0.01	-1.12	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	0.00	-1.33	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.00	0.01	-1.12	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	0.00	-1.24	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.16	0.16	0.33	0.00	0.00	0.04	seismos x+
		Min	-0.16	-0.17	-2.67	0.00	0.00	-0.04	seismos x+
4616	RC1	Max	0.01	0.11	-1.19	0.00	0.00	0.01	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.00	-0.25	-4.34	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.00	0.08	-1.68	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	-0.15	-3.16	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.00	0.07	-2.17	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	-0.04	-2.91	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.00	0.07	-2.36	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	0.00	-2.81	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.03	0.90	20.01	0.00	0.00	0.01	seismos x+
		Min	-0.03	-0.76	-25.59	0.00	0.00	-0.01	seismos x+
4617	RC1	Max	0.01	0.08	-1.25	0.00	0.00	0.01	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.00	0.02	-2.41	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.01	0.06	-1.25	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	0.02	-1.73	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.01	0.04	-1.25	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	0.02	-1.49	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.00	0.03	-1.25	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	0.02	-1.39	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.19	0.21	0.37	0.00	0.00	0.02	seismos x+
		Min	-0.18	-0.16	-2.98	0.00	0.00	-0.02	seismos x+
4626	RC1	Max	0.00	0.00	1.18	0.00	0.00	0.01	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.01	-0.59	-3.28	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.00	-0.01	0.07	0.00	0.00	0.01	SLS - Characteristic
		Min	0.00	-0.39	-2.40	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.00	-0.01	-1.04	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	-0.21	-2.27	0.00	0.00	0.00	SLS - Frequent

4.1 NODES - SUPPORT FORCES

Result Combinations

Node No.	RC		Support Forces [kN] P_X	P_Y	P_Z	Support Moments [kNm] M_X	M_Y	M_Z	
4626	RC4	Max	0.00	-0.02	-1.48	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	-0.13	-2.22	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.03	2.14	12.34	0.00	0.00	0.03	seismos x+
		Min	-0.03	-2.18	-16.80	0.00	0.00	-0.03	seismos x+
4627	RC1	Max	0.00	0.01	-0.63	0.00	0.00	0.01	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.02	-0.04	-1.79	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.00	0.00	-0.78	0.00	0.00	0.01	SLS - Characteristic
		Min	-0.01	-0.03	-1.30	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.00	-0.01	-0.93	0.00	0.00	0.00	SLS - Frequent
		Min	-0.01	-0.03	-1.19	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.00	-0.02	-0.99	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	-0.03	-1.15	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.06	0.05	-0.28	0.00	0.00	0.03	seismos x+
		Min	-0.06	-0.10	-1.93	0.00	0.00	-0.03	seismos x+
5115	RC1	Max	0.00	-0.01	-0.98	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.00	-0.03	-1.38	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.00	-0.01	-0.98	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	-0.02	-1.02	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.00	-0.01	-0.99	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	-0.02	-1.01	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.00	-0.01	-0.99	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	-0.02	-1.00	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.04	0.19	2.25	0.00	0.00	0.00	seismos x+
		Min	-0.04	-0.22	-4.25	0.00	0.00	0.00	seismos x+
5350	RC1	Max	0.00	0.00	-0.61	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.00	-0.01	-0.86	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.00	0.00	-0.61	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	-0.01	-0.63	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.00	0.00	-0.61	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	0.00	-0.62	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.00	0.00	-0.61	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	0.00	-0.61	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.13	0.03	-0.51	0.00	0.00	0.01	seismos x+
		Min	-0.13	-0.03	-0.71	0.00	0.00	-0.01	seismos x+
6466	RC1	Max	0.03	0.01	-1.99	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.01	0.00	-2.86	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.02	0.00	-1.99	0.00	0.00	0.00	SLS - Characteristic
		Min	0.01	0.00	-2.11	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.02	0.00	-2.00	0.00	0.00	0.00	SLS - Frequent
		Min	0.01	0.00	-2.05	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.01	0.00	-2.00	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.01	0.00	-2.03	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.04	0.09	0.70	0.00	0.00	0.01	seismos x+
		Min	-0.03	-0.09	-4.68	0.00	0.00	-0.01	seismos x+
6854	RC1	Max	0.00	-0.01	-0.87	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.00	-0.01	-1.21	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.00	-0.01	-0.88	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	-0.01	-0.90	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.00	-0.01	-0.89	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	-0.01	-0.89	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.00	-0.01	-0.89	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	-0.01	-0.89	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.04	0.14	2.61	0.00	0.00	0.00	seismos x+
		Min	-0.04	-0.15	-4.39	0.00	0.00	0.00	seismos x+
6855	RC1	Max	0.00	0.00	-0.56	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.00	0.00	-0.78	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.00	0.00	-0.56	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	0.00	-0.58	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.00	0.00	-0.57	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	0.00	-0.58	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.00	0.00	-0.57	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	0.00	-0.58	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.14	0.01	-0.45	0.00	0.00	0.00	seismos x+
		Min	-0.14	-0.01	-0.72	0.00	0.00	0.00	seismos x+
6874	RC1	Max	0.00	-0.02	-1.03	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.00	-0.03	-1.40	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.00	-0.02	-1.03	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	-0.02	-1.04	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.00	-0.02	-1.03	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	-0.02	-1.04	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.00	-0.02	-1.03	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	-0.02	-1.04	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.02	0.30	1.43	0.00	0.00	0.00	seismos x+
		Min	-0.02	-0.34	-3.49	0.00	0.00	0.00	seismos x+
6875	RC1	Max	0.00	0.00	-0.69	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.00	-0.01	-0.94	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.00	0.00	-0.69	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	0.00	-0.69	0.00	0.00	0.00	SLS - Characteristic

4.1 NODES - SUPPORT FORCES

Result Combinations

Node No.	RC		Support Forces [kN] P_X	P_Y	P_Z	Support Moments [kNm] M_X	M_Y	M_Z	
6875	RC3	Max	0.00	0.00	-0.69	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	0.00	-0.69	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.00	0.00	-0.69	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	0.00	-0.69	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.15	0.02	-0.59	0.00	0.00	0.00	seismos x+
		Min	-0.14	-0.03	-0.80	0.00	0.00	0.00	seismos x+
6894	RC1	Max	0.00	0.00	-1.03	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.00	0.00	-1.40	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.00	0.00	-1.03	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	0.00	-1.03	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.00	0.00	-1.03	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	0.00	-1.03	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.00	0.00	-1.03	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	0.00	-1.03	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.00	0.20	0.20	0.00	0.00	0.00	seismos x+
		Min	0.00	-0.20	-2.27	0.00	0.00	0.00	seismos x+
6895	RC1	Max	0.00	0.02	-0.77	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.00	0.02	-1.04	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.00	0.02	-0.77	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	0.02	-0.77	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.00	0.02	-0.77	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	0.02	-0.77	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.00	0.02	-0.77	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	0.02	-0.77	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.04	0.04	-0.70	0.00	0.00	0.00	seismos x+
		Min	-0.04	0.00	-0.84	0.00	0.00	0.00	seismos x+
7069	RC1	Max	-0.13	0.02	-3.00	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.28	-0.08	-6.42	0.00	0.00	-0.01	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	-0.13	0.01	-3.02	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.20	-0.05	-4.58	0.00	0.00	-0.01	SLS - Characteristic
	RC3	Max	-0.13	0.01	-3.05	0.00	0.00	0.00	SLS - Frequent
		Min	-0.17	-0.02	-3.83	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	-0.13	0.01	-3.06	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.15	-0.01	-3.52	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.32	0.96	6.88	0.00	0.00	0.13	seismos x+
		Min	-0.59	-0.94	-12.96	0.00	0.00	-0.13	seismos x+
7279	RC1	Max	-0.04	0.00	-0.05	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.06	0.00	-0.07	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	-0.04	0.00	-0.05	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.05	0.00	-0.05	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	-0.04	0.00	-0.05	0.00	0.00	0.00	SLS - Frequent
		Min	-0.05	0.00	-0.05	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	-0.04	0.00	-0.05	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.04	0.00	-0.05	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.14	0.01	-0.01	0.00	0.00	0.00	seismos x+
		Min	-0.23	0.00	-0.09	0.00	0.00	0.00	seismos x+
7281	RC1	Max	0.02	0.01	-2.75	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.04	-0.07	-8.56	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.01	0.01	-2.75	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.03	-0.05	-5.99	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.00	0.01	-2.75	0.00	0.00	0.00	SLS - Frequent
		Min	-0.02	-0.02	-4.37	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.00	0.00	-2.75	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.02	-0.01	-3.72	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.14	0.15	1.48	0.00	0.00	0.01	seismos x+
		Min	-0.16	-0.14	-7.63	0.00	0.00	-0.01	seismos x+
7283	RC1	Max	-0.04	0.00	-0.06	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.09	0.00	-0.10	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	-0.04	0.00	-0.06	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.07	0.00	-0.07	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	-0.04	0.00	-0.06	0.00	0.00	0.00	SLS - Frequent
		Min	-0.06	0.00	-0.07	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	-0.04	0.00	-0.06	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.05	0.00	-0.07	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.51	0.01	0.06	0.00	0.00	0.00	seismos x+
		Min	-0.61	-0.01	-0.19	0.00	0.00	0.00	seismos x+
7293	RC1	Max	-0.05	0.00	-0.07	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.15	0.00	-0.12	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	-0.05	0.00	-0.07	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.10	0.00	-0.09	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	-0.05	0.00	-0.07	0.00	0.00	0.00	SLS - Frequent
		Min	-0.08	0.00	-0.08	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	-0.05	0.00	-0.07	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.06	0.00	-0.07	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.51	0.01	0.06	0.00	0.00	0.00	seismos x+
		Min	-0.62	-0.01	-0.20	0.00	0.00	0.00	seismos x+
7326	RC1	Max	-0.04	0.01	-0.06	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.10	0.00	-0.10	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10

4.1 NODES - SUPPORT FORCES

Result Combinations

Node No.	RC		Support Forces [kN] P_X	P_Y	P_Z	Support Moments [kNm] M_X	M_Y	M_Z	
7326	RC2	Max	-0.04	0.00	-0.06	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.07	0.00	-0.08	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	-0.04	0.00	-0.06	0.00	0.00	0.00	SLS - Frequent
		Min	-0.06	0.00	-0.07	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	-0.04	0.00	-0.06	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.05	0.00	-0.07	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.40	0.01	0.03	0.00	0.00	0.00	seismos x+
		Min	-0.48	-0.01	-0.15	0.00	0.00	0.00	seismos x+
7338	RC1	Max	0.08	0.02	-0.05	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.08	0.00	-0.11	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.04	0.01	-0.06	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.06	0.00	-0.08	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	-0.01	0.01	-0.07	0.00	0.00	0.00	SLS - Frequent
		Min	-0.06	0.00	-0.08	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	-0.03	0.01	-0.07	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.06	0.00	-0.07	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.50	0.02	0.01	0.00	0.00	0.01	seismos x+
		Min	-0.63	-0.02	-0.17	0.00	0.00	-0.02	seismos x+
7350	RC1	Max	0.41	0.09	-0.08	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.04	0.01	-0.15	0.00	0.00	-0.01	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.27	0.06	-0.08	0.00	0.00	0.00	SLS - Characteristic
		Min	0.04	0.01	-0.11	0.00	0.00	-0.01	SLS - Characteristic
	RC3	Max	0.16	0.03	-0.08	0.00	0.00	0.00	SLS - Frequent
		Min	0.04	0.01	-0.09	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.11	0.02	-0.08	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.04	0.01	-0.09	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	1.51	0.07	0.05	0.00	0.00	0.03	seismos x+
		Min	-1.38	-0.06	-0.22	0.00	0.00	-0.04	seismos x+
7363	RC1	Max	-0.02	0.00	-0.05	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.02	0.00	-0.07	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	-0.02	0.00	-0.05	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.02	0.00	-0.05	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	-0.02	0.00	-0.05	0.00	0.00	0.00	SLS - Frequent
		Min	-0.02	0.00	-0.05	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	-0.02	0.00	-0.05	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.02	0.00	-0.05	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.33	0.01	0.02	0.00	0.00	0.00	seismos x+
		Min	-0.36	-0.01	-0.11	0.00	0.00	0.00	seismos x+
7364	RC1	Max	0.02	0.00	-0.07	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.02	-0.02	-0.14	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.01	0.00	-0.07	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.01	-0.01	-0.10	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.01	0.00	-0.08	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	-0.01	-0.09	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.01	0.00	-0.08	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.01	-0.01	-0.08	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.13	0.03	0.01	0.00	0.00	0.01	seismos x+
		Min	-0.11	-0.03	-0.17	0.00	0.00	0.00	seismos x+
7433	RC1	Max	0.03	0.00	-1.73	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.02	-0.08	-2.44	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.02	0.00	-1.73	0.00	0.00	0.00	SLS - Characteristic
		Min	0.02	-0.05	-1.80	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.02	0.00	-1.73	0.00	0.00	0.00	SLS - Frequent
		Min	0.02	-0.03	-1.77	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.02	0.00	-1.73	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.02	-0.02	-1.75	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.08	0.86	0.33	0.00	0.00	0.04	seismos x+
		Min	-0.06	-0.87	-3.78	0.00	0.00	-0.04	seismos x+
7437	RC1	Max	-0.15	0.02	-3.17	0.00	0.00	0.01	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.23	-0.37	-5.64	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	-0.16	0.01	-3.17	0.00	0.00	0.01	SLS - Characteristic
		Min	-0.17	-0.24	-4.07	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	-0.16	0.00	-3.17	0.00	0.00	0.01	SLS - Frequent
		Min	-0.17	-0.13	-3.62	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	-0.17	0.00	-3.17	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.17	-0.08	-3.44	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.09	3.36	5.11	0.00	0.00	0.09	seismos x+
		Min	-0.44	-3.37	-11.51	0.00	0.00	-0.09	seismos x+
7463	RC1	Max	0.03	0.01	-2.26	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.01	0.00	-3.18	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.02	0.00	-2.26	0.00	0.00	0.00	SLS - Characteristic
		Min	0.02	0.00	-2.35	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.02	0.00	-2.27	0.00	0.00	0.00	SLS - Frequent
		Min	0.02	0.00	-2.31	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.02	0.00	-2.27	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.02	0.00	-2.30	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.04	0.09	0.60	0.00	0.00	0.01	seismos x+
		Min	-0.01	-0.09	-5.13	0.00	0.00	-0.01	seismos x+
7467	RC1	Max	-0.17	0.02	-3.73	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10

4.1 NODES - SUPPORT FORCES

Result Combinations

Node No.	RC		Support Forces [kN] P_X	P_Y	P_Z	Support Moments [kNm] M_X	M_Y	M_Z	
7467 7467		Min	-0.27	-0.09	-6.78	0.00	0.00	-0.01	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	-0.17	0.01	-3.75	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.20	-0.06	-4.90	0.00	0.00	-0.01	SLS - Characteristic
	RC3	Max	-0.17	0.01	-3.76	0.00	0.00	0.00	SLS - Frequent
		Min	-0.18	-0.03	-4.34	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	-0.17	0.01	-3.77	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.18	-0.01	-4.11	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.14	1.04	7.56	0.00	0.00	0.13	seismos x+
		Min	-0.48	-1.02	-15.08	0.00	0.00	-0.12	seismos x+
7493	RC1	Max	0.03	0.05	-1.41	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.01	-0.04	-1.97	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.02	0.04	-1.41	0.00	0.00	0.00	SLS - Characteristic
		Min	0.01	-0.01	-1.46	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.02	0.04	-1.42	0.00	0.00	0.00	SLS - Frequent
		Min	0.01	0.01	-1.44	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.02	0.03	-1.42	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.01	0.02	-1.43	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.10	0.89	0.47	0.00	0.00	0.04	seismos x+
		Min	-0.08	-0.82	-3.30	0.00	0.00	-0.04	seismos x+
7497	RC1	Max	-0.06	0.13	-2.58	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.19	-0.19	-4.44	0.00	0.00	-0.01	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	-0.08	0.10	-2.59	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.14	-0.10	-3.22	0.00	0.00	-0.01	SLS - Characteristic
	RC3	Max	-0.11	0.09	-2.59	0.00	0.00	0.00	SLS - Frequent
		Min	-0.14	-0.01	-2.90	0.00	0.00	-0.01	SLS - Frequent
	RC4	Max	-0.12	0.08	-2.59	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.14	0.02	-2.78	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.24	3.10	5.67	0.00	0.00	0.07	seismos x+
		Min	-0.51	-2.92	-10.91	0.00	0.00	-0.08	seismos x+
7523	RC1	Max	0.02	0.01	-1.80	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.01	0.00	-2.61	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.01	0.01	-1.82	0.00	0.00	0.00	SLS - Characteristic
		Min	0.01	0.00	-1.93	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.01	0.01	-1.85	0.00	0.00	0.00	SLS - Frequent
		Min	0.01	0.00	-1.90	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.01	0.01	-1.86	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.01	0.00	-1.89	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.04	0.09	1.25	0.00	0.00	0.01	seismos x+
		Min	-0.02	-0.08	-4.98	0.00	0.00	-0.01	seismos x+
7718	RC1	Max	1.70	0.07	1.24	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.07	-0.01	-0.27	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	1.13	0.05	0.77	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.05	0.00	-0.20	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.56	0.02	0.30	0.00	0.00	0.00	SLS - Frequent
		Min	-0.02	0.00	-0.18	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.34	0.01	0.12	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.02	0.00	-0.18	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	11.91	0.58	9.70	0.00	0.00	0.04	seismos x+
		Min	-11.93	-0.58	-10.06	0.00	0.00	-0.04	seismos x+
7721	RC1	Max	4.84	0.22	3.36	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.10	-0.01	-0.25	0.00	0.00	-0.01	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	3.21	0.15	2.17	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.07	-0.01	-0.19	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	1.59	0.07	0.99	0.00	0.00	0.00	SLS - Frequent
		Min	-0.06	-0.01	-0.19	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.94	0.04	0.52	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.05	-0.01	-0.19	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	21.71	1.02	16.49	0.00	0.00	0.04	seismos x+
		Min	-21.81	-1.03	-16.87	0.00	0.00	-0.04	seismos x+
7724	RC1	Max	1.41	0.06	0.99	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.44	-0.03	-0.50	0.00	0.00	-0.01	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.88	0.04	0.58	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.31	-0.02	-0.36	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.35	0.01	0.16	0.00	0.00	0.00	SLS - Frequent
		Min	-0.25	-0.02	-0.31	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.14	0.00	-0.01	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.22	-0.01	-0.29	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	13.09	0.58	10.29	0.00	0.00	0.04	seismos x+
		Min	-13.50	-0.61	-10.84	0.00	0.00	-0.04	seismos x+
7727	RC1	Max	2.20	0.10	1.46	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.63	-0.03	-0.52	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	1.39	0.07	0.88	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.44	-0.02	-0.37	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.58	0.03	0.30	0.00	0.00	0.00	SLS - Frequent
		Min	-0.34	-0.02	-0.32	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.25	0.01	0.07	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.29	-0.01	-0.30	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	21.07	0.98	15.74	0.00	0.00	0.04	seismos x+
		Min	-21.60	-1.00	-16.33	0.00	0.00	-0.04	seismos x+

4.1 NODES - SUPPORT FORCES

Result Combinations

Node No.	RC		Support Forces [kN] P_X	P_Y	P_Z	Support Moments [kNm] M_X	M_Y	M_Z	
7728	RC1	Max	2.24	0.10	1.33	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.22	-0.01	-0.31	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	1.47	0.07	0.82	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.16	-0.01	-0.23	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.69	0.03	0.31	0.00	0.00	0.00	SLS - Frequent
		Min	-0.12	0.00	-0.21	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.38	0.02	0.11	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.10	0.00	-0.20	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	15.48	0.70	10.31	0.00	0.00	0.04	seismos x+
		Min	-15.65	-0.71	-10.70	0.00	0.00	-0.04	seismos x+
7823	RC1	Max	0.06	0.01	-0.04	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.15	0.00	-0.07	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.03	0.01	-0.04	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.10	0.00	-0.05	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	-0.01	0.00	-0.05	0.00	0.00	0.00	SLS - Frequent
		Min	-0.07	0.00	-0.05	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	-0.02	0.00	-0.05	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.06	0.00	-0.05	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.49	0.01	0.01	0.00	0.00	0.02	seismos x+
		Min	-0.59	-0.01	-0.12	0.00	0.00	-0.02	seismos x+
7824	RC1	Max	0.11	0.01	-0.04	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.04	0.00	-0.06	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.06	0.01	-0.04	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.03	0.00	-0.05	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.01	0.00	-0.04	0.00	0.00	0.00	SLS - Frequent
		Min	-0.03	0.00	-0.04	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	-0.01	0.00	-0.04	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.03	0.00	-0.04	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.25	0.03	-0.02	0.00	0.00	0.02	seismos x+
		Min	-0.32	-0.03	-0.07	0.00	0.00	-0.02	seismos x+
7847	RC1	Max	0.00	0.02	-0.07	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.13	0.00	-0.11	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	-0.02	0.01	-0.07	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.09	0.00	-0.08	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	-0.04	0.01	-0.07	0.00	0.00	0.00	SLS - Frequent
		Min	-0.07	0.00	-0.08	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	-0.05	0.00	-0.07	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.07	0.00	-0.08	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.46	0.02	0.00	0.00	0.00	0.02	seismos x+
		Min	-0.59	-0.02	-0.16	0.00	0.00	-0.02	seismos x+
7853	RC1	Max	-0.01	0.00	-0.05	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.02	-0.01	-0.07	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	-0.01	0.00	-0.05	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.02	0.00	-0.05	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	-0.02	0.00	-0.05	0.00	0.00	0.00	SLS - Frequent
		Min	-0.02	0.00	-0.05	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	-0.02	0.00	-0.05	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.02	0.00	-0.05	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.33	0.01	0.02	0.00	0.00	0.00	seismos x+
		Min	-0.37	-0.01	-0.12	0.00	0.00	0.00	seismos x+
7854	RC1	Max	0.01	0.03	-0.05	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.00	0.02	-0.07	0.00	0.00	-0.01	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.01	0.02	-0.05	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	0.02	-0.05	0.00	0.00	-0.01	SLS - Characteristic
	RC3	Max	0.00	0.02	-0.05	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	0.02	-0.05	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.00	0.02	-0.05	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	0.02	-0.05	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.32	0.04	-0.03	0.00	0.00	0.00	seismos x+
		Min	-0.31	0.00	-0.06	0.00	0.00	-0.01	seismos x+
7859	RC1	Max	0.36	0.10	-0.01	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.29	0.02	-0.11	0.00	0.00	-0.01	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.25	0.07	-0.03	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.18	0.02	-0.08	0.00	0.00	-0.01	SLS - Characteristic
	RC3	Max	0.14	0.04	-0.04	0.00	0.00	0.00	SLS - Frequent
		Min	-0.07	0.02	-0.07	0.00	0.00	-0.01	SLS - Frequent
	RC4	Max	0.10	0.03	-0.05	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.02	0.02	-0.06	0.00	0.00	-0.01	SLS - Quasi-permanent
	RC9	Max	1.39	0.08	0.05	0.00	0.00	0.02	seismos x+
		Min	-1.28	-0.04	-0.17	0.00	0.00	-0.03	seismos x+
7860	RC1	Max	0.54	0.08	-0.05	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.03	0.00	-0.14	0.00	0.00	-0.01	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.36	0.05	-0.05	0.00	0.00	0.00	SLS - Characteristic
		Min	0.03	0.00	-0.10	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.20	0.03	-0.05	0.00	0.00	0.00	SLS - Frequent
		Min	0.03	0.00	-0.07	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.13	0.02	-0.05	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.03	0.00	-0.06	0.00	0.00	0.00	SLS - Quasi-permanent

4.1 NODES - SUPPORT FORCES

Result Combinations

Node No.	RC		Support Forces [kN] P_X	P_Y	P_Z	Support Moments [kNm] M_X	M_Y	M_Z	
7860	RC9	Max	0.92	0.05	0.06	0.00	0.00	0.03	seismos x+
		Min	-0.84	-0.05	-0.16	0.00	0.00	-0.03	seismos x+
7865	RC1	Max	0.40	0.10	-0.08	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.00	0.00	-0.16	0.00	0.00	-0.01	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.27	0.06	-0.08	0.00	0.00	0.00	SLS - Characteristic
		Min	0.02	0.00	-0.12	0.00	0.00	-0.01	SLS - Characteristic
	RC3	Max	0.16	0.03	-0.08	0.00	0.00	0.00	SLS - Frequent
		Min	0.04	0.00	-0.10	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.12	0.02	-0.08	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.04	0.00	-0.09	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	1.54	0.10	0.07	0.00	0.00	0.04	seismos x+
		Min	-1.39	-0.09	-0.23	0.00	0.00	-0.04	seismos x+
7866	RC1	Max	-0.02	0.00	-0.05	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.02	0.00	-0.07	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	-0.02	0.00	-0.05	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.02	0.00	-0.05	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	-0.02	0.00	-0.05	0.00	0.00	0.00	SLS - Frequent
		Min	-0.02	0.00	-0.05	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	-0.02	0.00	-0.05	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.02	0.00	-0.05	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.33	0.00	0.02	0.00	0.00	0.00	seismos x+
		Min	-0.37	-0.01	-0.12	0.00	0.00	0.00	seismos x+
7871	RC1	Max	0.07	0.03	-2.33	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.11	-0.08	-4.75	0.00	0.00	-0.01	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.02	0.02	-2.47	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.08	-0.05	-3.44	0.00	0.00	-0.01	SLS - Characteristic
	RC3	Max	-0.03	0.02	-2.62	0.00	0.00	0.00	SLS - Frequent
		Min	-0.08	-0.02	-3.10	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	-0.05	0.01	-2.68	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.08	-0.01	-2.97	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.71	1.04	5.22	0.00	0.00	0.12	seismos x+
		Min	-0.87	-1.01	-10.72	0.00	0.00	-0.12	seismos x+
7880	RC1	Max	1.46	0.01	-0.03	0.00	0.00	0.15	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.02	-0.43	-1.72	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.97	0.01	-0.03	0.00	0.00	0.10	SLS - Characteristic
		Min	0.02	-0.29	-1.15	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.50	0.00	-0.03	0.00	0.00	0.05	SLS - Frequent
		Min	0.02	-0.14	-0.59	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.31	0.00	-0.03	0.00	0.00	0.03	SLS - Quasi-permanent
		Min	0.02	-0.08	-0.36	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	8.06	0.27	8.96	0.00	0.00	0.06	seismos x+
		Min	-8.03	-0.27	-9.01	0.00	0.00	-0.06	seismos x+
7881	RC1	Max	1.76	0.00	-0.15	0.00	0.00	0.15	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.12	-0.46	-1.98	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	1.19	0.00	-0.15	0.00	0.00	0.10	SLS - Characteristic
		Min	0.12	-0.30	-1.34	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.65	0.00	-0.15	0.00	0.00	0.05	SLS - Frequent
		Min	0.12	-0.15	-0.74	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.44	0.00	-0.15	0.00	0.00	0.03	SLS - Quasi-permanent
		Min	0.12	-0.09	-0.50	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	16.56	0.30	17.06	0.00	0.00	0.06	seismos x+
		Min	-16.29	-0.30	-17.40	0.00	0.00	-0.06	seismos x+
7882	RC1	Max	1.94	0.03	-0.17	0.00	0.00	0.14	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.10	-0.44	-2.27	0.00	0.00	-0.01	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	1.31	0.02	-0.17	0.00	0.00	0.09	SLS - Characteristic
		Min	0.11	-0.29	-1.53	0.00	0.00	-0.01	SLS - Characteristic
	RC3	Max	0.72	0.02	-0.18	0.00	0.00	0.04	SLS - Frequent
		Min	0.13	-0.14	-0.86	0.00	0.00	-0.01	SLS - Frequent
	RC4	Max	0.49	0.02	-0.18	0.00	0.00	0.02	SLS - Quasi-permanent
		Min	0.13	-0.08	-0.59	0.00	0.00	-0.01	SLS - Quasi-permanent
	RC9	Max	17.69	0.30	18.18	0.00	0.00	0.05	seismos x+
		Min	-17.37	-0.27	-18.60	0.00	0.00	-0.06	seismos x+
7883	RC1	Max	1.54	0.02	0.33	0.00	0.00	0.14	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.27	-0.42	-1.76	0.00	0.00	-0.01	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	1.03	0.02	0.19	0.00	0.00	0.09	SLS - Characteristic
		Min	-0.16	-0.28	-1.18	0.00	0.00	-0.01	SLS - Characteristic
	RC3	Max	0.55	0.01	0.05	0.00	0.00	0.04	SLS - Frequent
		Min	-0.05	-0.13	-0.64	0.00	0.00	-0.01	SLS - Frequent
	RC4	Max	0.35	0.01	-0.01	0.00	0.00	0.02	SLS - Quasi-permanent
		Min	0.00	-0.08	-0.42	0.00	0.00	-0.01	SLS - Quasi-permanent
	RC9	Max	10.01	0.30	10.87	0.00	0.00	0.06	seismos x+
		Min	-9.87	-0.28	-11.07	0.00	0.00	-0.07	seismos x+
7892	RC1	Max	0.02	0.01	-0.06	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.01	0.00	-0.10	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.01	0.01	-0.06	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	0.01	-0.07	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.01	0.01	-0.06	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	0.01	-0.07	0.00	0.00	0.00	SLS - Frequent

4.1 NODES - SUPPORT FORCES

Result Combinations

Node No.	RC		Support Forces [kN] P_X	P_Y	P_Z	Support Moments [kNm] M_X	M_Y	M_Z	
7892	RC4	Max	0.00	0.01	-0.06	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	0.01	-0.07	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.94	0.02	-0.02	0.00	0.00	0.00	seismos x+
		Min	-0.93	0.00	-0.11	0.00	0.00	-0.01	seismos x+
7893	RC1	Max	-0.03	0.00	-0.04	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.04	0.00	-0.06	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	-0.03	0.00	-0.04	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.03	0.00	-0.04	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	-0.03	0.00	-0.04	0.00	0.00	0.00	SLS - Frequent
		Min	-0.03	0.00	-0.04	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	-0.03	0.00	-0.04	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.03	0.00	-0.04	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.21	0.00	0.00	0.00	0.00	0.00	seismos x+
		Min	-0.28	-0.01	-0.08	0.00	0.00	0.00	seismos x+
7910	RC1	Max	0.03	0.00	-0.03	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.02	-0.01	-0.09	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.02	0.00	-0.04	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.01	-0.01	-0.07	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.01	0.00	-0.05	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	0.00	-0.06	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.01	0.00	-0.05	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	0.00	-0.06	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.11	0.04	-0.01	0.00	0.00	0.01	seismos x+
		Min	-0.10	-0.03	-0.11	0.00	0.00	-0.01	seismos x+
7911	RC1	Max	0.01	0.00	-0.05	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.02	-0.01	-0.11	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.01	0.00	-0.05	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.01	-0.01	-0.08	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.01	0.00	-0.05	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	-0.01	-0.06	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.01	0.00	-0.05	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	0.00	-0.06	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.07	0.02	0.03	0.00	0.00	0.00	seismos x+
		Min	-0.06	-0.02	-0.12	0.00	0.00	0.00	seismos x+
7912	RC1	Max	0.02	0.00	-0.08	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.01	-0.01	-0.15	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.02	0.00	-0.08	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	-0.01	-0.11	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.01	0.00	-0.08	0.00	0.00	0.00	SLS - Frequent
		Min	0.01	0.00	-0.09	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.01	0.00	-0.08	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.01	0.00	-0.09	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.13	0.02	0.02	0.00	0.00	0.00	seismos x+
		Min	-0.11	-0.02	-0.18	0.00	0.00	0.00	seismos x+
7914	RC1	Max	0.53	-0.06	-0.07	0.00	0.00	0.10	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.10	-0.23	-0.13	0.00	0.00	0.02	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.33	-0.06	-0.07	0.00	0.00	0.07	SLS - Characteristic
		Min	-0.07	-0.16	-0.10	0.00	0.00	0.02	SLS - Characteristic
	RC3	Max	0.13	-0.06	-0.08	0.00	0.00	0.05	SLS - Frequent
		Min	-0.07	-0.11	-0.09	0.00	0.00	0.02	SLS - Frequent
	RC4	Max	0.05	-0.06	-0.08	0.00	0.00	0.03	SLS - Quasi-permanent
		Min	-0.07	-0.09	-0.08	0.00	0.00	0.02	SLS - Quasi-permanent
	RC9	Max	3.42	0.53	0.00	0.00	0.00	0.30	seismos x+
		Min	-3.59	-0.64	-0.16	0.00	0.00	-0.26	seismos x+
7915	RC1	Max	0.07	0.01	-0.06	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.00	0.00	-0.12	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.04	0.00	-0.06	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	0.00	-0.09	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.02	0.00	-0.06	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	0.00	-0.08	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.01	0.00	-0.06	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	0.00	-0.07	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.92	0.01	-0.01	0.00	0.00	0.00	seismos x+
		Min	-0.90	-0.01	-0.12	0.00	0.00	0.00	seismos x+
7916	RC1	Max	0.03	0.01	-3.10	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.03	-0.08	-10.41	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.01	0.01	-3.10	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.02	-0.05	-7.25	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.00	0.01	-3.10	0.00	0.00	0.00	SLS - Frequent
		Min	-0.02	-0.02	-5.18	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.00	0.00	-3.10	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.01	-0.01	-4.35	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.18	0.15	0.40	0.00	0.00	0.01	seismos x+
		Min	-0.20	-0.14	-7.48	0.00	0.00	-0.01	seismos x+
7917	RC1	Max	0.03	0.01	-0.06	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.02	0.00	-0.10	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.01	0.01	-0.06	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.01	0.00	-0.07	0.00	0.00	0.00	SLS - Characteristic

4.1 NODES - SUPPORT FORCES

Result Combinations

Node No.	RC		Support Forces [kN] P_X	P_Y	P_Z	Support Moments [kNm] M_X	M_Y	M_Z	
7917	RC3	Max	0.00	0.00	-0.06	0.00	0.00	0.00	SLS - Frequent
		Min	-0.01	0.00	-0.07	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.00	0.00	-0.06	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.01	0.00	-0.06	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.78	0.01	-0.04	0.00	0.00	0.00	seismos x+
		Min	-0.80	0.00	-0.08	0.00	0.00	0.00	seismos x+
7918	RC1	Max	0.35	0.18	-0.03	0.00	0.00	0.04	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.52	-0.03	-0.09	0.00	0.00	-0.07	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.21	0.13	-0.04	0.00	0.00	0.01	SLS - Characteristic
		Min	-0.35	0.01	-0.06	0.00	0.00	-0.05	SLS - Characteristic
	RC3	Max	0.08	0.12	-0.05	0.00	0.00	-0.01	SLS - Frequent
		Min	-0.20	0.05	-0.06	0.00	0.00	-0.04	SLS - Frequent
	RC4	Max	0.02	0.11	-0.05	0.00	0.00	-0.02	SLS - Quasi-permanent
		Min	-0.14	0.07	-0.06	0.00	0.00	-0.04	SLS - Quasi-permanent
	RC9	Max	2.51	0.62	-0.01	0.00	0.00	0.24	seismos x+
		Min	-2.64	-0.41	-0.10	0.00	0.00	-0.32	seismos x+
7919	RC1	Max	0.73	-0.08	-0.05	0.00	0.00	0.13	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.07	-0.29	-0.10	0.00	0.00	0.03	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.47	-0.08	-0.05	0.00	0.00	0.09	SLS - Characteristic
		Min	-0.05	-0.20	-0.07	0.00	0.00	0.03	SLS - Characteristic
	RC3	Max	0.21	-0.08	-0.05	0.00	0.00	0.06	SLS - Frequent
		Min	-0.05	-0.14	-0.06	0.00	0.00	0.03	SLS - Frequent
	RC4	Max	0.11	-0.08	-0.05	0.00	0.00	0.05	SLS - Quasi-permanent
		Min	-0.05	-0.12	-0.05	0.00	0.00	0.03	SLS - Quasi-permanent
	RC9	Max	1.97	0.17	0.02	0.00	0.00	0.21	seismos x+
		Min	-2.10	-0.34	-0.11	0.00	0.00	-0.14	seismos x+
7920	RC1	Max	0.33	0.05	-0.08	0.00	0.00	0.05	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.22	-0.09	-0.14	0.00	0.00	-0.02	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.19	0.04	-0.08	0.00	0.00	0.03	SLS - Characteristic
		Min	-0.15	-0.05	-0.10	0.00	0.00	-0.01	SLS - Characteristic
	RC3	Max	0.06	0.03	-0.08	0.00	0.00	0.01	SLS - Frequent
		Min	-0.11	-0.01	-0.09	0.00	0.00	-0.01	SLS - Frequent
	RC4	Max	0.01	0.03	-0.08	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.09	0.00	-0.08	0.00	0.00	-0.01	SLS - Quasi-permanent
	RC9	Max	3.59	0.48	0.01	0.00	0.00	0.22	seismos x+
		Min	-3.76	-0.43	-0.17	0.00	0.00	-0.24	seismos x+
7922	RC1	Max	0.21	0.01	-0.06	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.08	0.00	-0.12	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.15	0.01	-0.06	0.00	0.00	0.00	SLS - Characteristic
		Min	0.08	0.00	-0.09	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.12	0.00	-0.06	0.00	0.00	0.00	SLS - Frequent
		Min	0.08	0.00	-0.08	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.10	0.00	-0.06	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.08	0.00	-0.07	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	3.92	0.02	0.20	0.00	0.00	0.01	seismos x+
		Min	-3.73	-0.02	-0.34	0.00	0.00	-0.01	seismos x+
7923	RC1	Max	-0.04	0.00	-0.05	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.05	0.00	-0.06	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	-0.04	0.00	-0.05	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.04	0.00	-0.05	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	-0.04	0.00	-0.05	0.00	0.00	0.00	SLS - Frequent
		Min	-0.04	0.00	-0.05	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	-0.04	0.00	-0.05	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.04	0.00	-0.05	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.68	0.03	-0.02	0.00	0.00	0.01	seismos x+
		Min	-0.75	-0.03	-0.07	0.00	0.00	0.00	seismos x+
7924	RC1	Max	-0.04	0.00	-0.04	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.06	-0.01	-0.06	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	-0.04	0.00	-0.05	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.04	-0.01	-0.05	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	-0.04	0.00	-0.05	0.00	0.00	0.00	SLS - Frequent
		Min	-0.04	0.00	-0.05	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	-0.04	0.00	-0.05	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.04	0.00	-0.05	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.69	0.02	-0.02	0.00	0.00	0.01	seismos x+
		Min	-0.77	-0.03	-0.07	0.00	0.00	0.00	seismos x+
7925	RC1	Max	-0.04	0.00	-0.05	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.05	-0.01	-0.06	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	-0.04	0.00	-0.05	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.04	-0.01	-0.05	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	-0.04	0.00	-0.05	0.00	0.00	0.00	SLS - Frequent
		Min	-0.04	-0.01	-0.05	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	-0.04	0.00	-0.05	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.04	-0.01	-0.05	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.68	0.01	-0.02	0.00	0.00	0.00	seismos x+
		Min	-0.75	-0.02	-0.07	0.00	0.00	0.00	seismos x+
7926	RC1	Max	0.10	0.03	-0.04	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.14	0.01	-0.08	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10

4.1 NODES - SUPPORT FORCES

Result Combinations

Node No.	RC		Support Forces [kN] P_X	P_Y	P_Z	Support Moments [kNm] M_X	M_Y	M_Z	
7926	RC2	Max	0.07	0.02	-0.04	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.07	0.01	-0.06	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.06	0.02	-0.05	0.00	0.00	0.00	SLS - Frequent
		Min	-0.01	0.01	-0.05	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.06	0.01	-0.05	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.01	0.01	-0.05	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	1.31	0.08	0.04	0.00	0.00	0.00	seismos x+
		Min	-1.20	-0.07	-0.14	0.00	0.00	-0.01	seismos x+
7927	RC1	Max	0.26	0.00	-0.04	0.00	0.00	0.01	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.04	0.00	-0.08	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.18	0.00	-0.04	0.00	0.00	0.00	SLS - Characteristic
		Min	0.04	0.00	-0.05	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.11	0.00	-0.04	0.00	0.00	0.00	SLS - Frequent
		Min	0.04	0.00	-0.05	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.09	0.00	-0.04	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.04	0.00	-0.04	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	1.21	0.03	0.06	0.00	0.00	0.02	seismos x+
		Min	-1.11	-0.03	-0.14	0.00	0.00	-0.02	seismos x+
7928	RC1	Max	0.17	0.00	-0.07	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.08	-0.01	-0.12	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.12	0.00	-0.07	0.00	0.00	0.00	SLS - Characteristic
		Min	0.08	-0.01	-0.09	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.10	0.00	-0.07	0.00	0.00	0.00	SLS - Frequent
		Min	0.08	-0.01	-0.08	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.10	0.00	-0.07	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.09	-0.01	-0.07	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	3.93	0.02	0.20	0.00	0.00	0.03	seismos x+
		Min	-3.73	-0.03	-0.34	0.00	0.00	-0.02	seismos x+
7929	RC1	Max	-0.02	-0.01	-0.04	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.03	-0.02	-0.05	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	-0.02	-0.01	-0.04	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.02	-0.02	-0.04	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	-0.02	-0.01	-0.04	0.00	0.00	0.00	SLS - Frequent
		Min	-0.02	-0.02	-0.04	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	-0.02	-0.01	-0.04	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.02	-0.01	-0.04	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.47	0.00	-0.01	0.00	0.00	0.01	seismos x+
		Min	-0.52	-0.03	-0.06	0.00	0.00	0.00	seismos x+
7930	RC1	Max	0.20	0.00	-0.08	0.00	0.00	0.01	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.05	-0.01	-0.14	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.14	0.00	-0.08	0.00	0.00	0.00	SLS - Characteristic
		Min	0.05	-0.01	-0.10	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.10	0.00	-0.08	0.00	0.00	0.00	SLS - Frequent
		Min	0.05	-0.01	-0.09	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.08	0.00	-0.08	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.05	0.00	-0.08	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	5.77	0.01	0.25	0.00	0.00	0.03	seismos x+
		Min	-5.65	-0.02	-0.41	0.00	0.00	-0.03	seismos x+
7934	RC1	Max	0.07	0.04	-0.01	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.23	0.02	-0.09	0.00	0.00	-0.01	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.05	0.03	-0.03	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.14	0.02	-0.07	0.00	0.00	-0.01	SLS - Characteristic
	RC3	Max	0.04	0.02	-0.04	0.00	0.00	0.00	SLS - Frequent
		Min	-0.06	0.02	-0.06	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.04	0.02	-0.05	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.02	0.02	-0.06	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	1.90	0.06	0.06	0.00	0.00	0.01	seismos x+
		Min	-1.83	-0.03	-0.18	0.00	0.00	-0.02	seismos x+
7935	RC1	Max	0.30	-0.01	-0.05	0.00	0.00	0.01	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.00	-0.03	-0.12	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.20	-0.01	-0.05	0.00	0.00	0.01	SLS - Characteristic
		Min	0.01	-0.02	-0.08	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.11	-0.01	-0.05	0.00	0.00	0.01	SLS - Frequent
		Min	0.01	-0.02	-0.06	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.08	-0.01	-0.05	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.02	-0.01	-0.06	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	1.79	0.03	0.07	0.00	0.00	0.03	seismos x+
		Min	-1.74	-0.06	-0.17	0.00	0.00	-0.03	seismos x+
7936	RC1	Max	0.12	0.01	-0.08	0.00	0.00	0.01	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.04	-0.01	-0.15	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.09	0.00	-0.08	0.00	0.00	0.00	SLS - Characteristic
		Min	0.05	0.00	-0.10	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.07	0.00	-0.08	0.00	0.00	0.00	SLS - Frequent
		Min	0.05	0.00	-0.09	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.07	0.00	-0.08	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.05	0.00	-0.09	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	5.77	0.08	0.25	0.00	0.00	0.05	seismos x+
		Min	-5.64	-0.09	-0.42	0.00	0.00	-0.04	seismos x+
7938	RC1	Max	0.02	0.00	-0.06	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10

4.1 NODES - SUPPORT FORCES

Result Combinations

Node No.	RC		Support Forces [kN] P_X	P_Y	P_Z	Support Moments [kNm] M_X	M_Y	M_Z	
7938 7938		Min	-0.01	0.00	-0.11	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.01	0.00	-0.06	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	0.00	-0.08	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.01	0.00	-0.06	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	0.00	-0.07	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.01	0.00	-0.06	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	0.00	-0.07	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.49	0.00	-0.01	0.00	0.00	0.00	seismos x+
		Min	-0.49	0.00	-0.13	0.00	0.00	0.00	seismos x+
7940	RC1	Max	0.01	0.00	-0.05	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.01	0.00	-0.07	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.01	0.00	-0.05	0.00	0.00	0.00	SLS - Characteristic
		Min	0.01	0.00	-0.05	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.01	0.00	-0.05	0.00	0.00	0.00	SLS - Frequent
		Min	0.01	0.00	-0.05	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.01	0.00	-0.05	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.01	0.00	-0.05	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.04	0.00	-0.03	0.00	0.00	0.00	seismos x+
		Min	-0.03	0.00	-0.07	0.00	0.00	0.00	seismos x+
7941	RC1	Max	0.02	0.00	-0.06	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.01	0.00	-0.10	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.01	0.00	-0.06	0.00	0.00	0.00	SLS - Characteristic
		Min	0.01	0.00	-0.08	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.01	0.00	-0.06	0.00	0.00	0.00	SLS - Frequent
		Min	0.01	0.00	-0.07	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.01	0.00	-0.06	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.01	0.00	-0.07	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.12	0.00	0.00	0.00	0.00	0.00	seismos x+
		Min	-0.09	0.00	-0.13	0.00	0.00	0.00	seismos x+
7942	RC1	Max	0.03	0.00	-0.03	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.01	0.00	-0.07	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.02	0.00	-0.03	0.00	0.00	0.00	SLS - Characteristic
		Min	0.01	0.00	-0.05	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.01	0.00	-0.04	0.00	0.00	0.00	SLS - Frequent
		Min	0.01	0.00	-0.05	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.01	0.00	-0.04	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.01	0.00	-0.05	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.17	0.00	-0.01	0.00	0.00	0.00	seismos x+
		Min	-0.15	-0.01	-0.08	0.00	0.00	0.00	seismos x+
7943	RC1	Max	0.01	0.00	-0.04	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.01	0.00	-0.08	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.01	0.00	-0.04	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	0.00	-0.06	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.01	0.00	-0.04	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	0.00	-0.05	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.01	0.00	-0.04	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	0.00	-0.04	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.15	0.00	0.01	0.00	0.00	0.00	seismos x+
		Min	-0.14	0.00	-0.09	0.00	0.00	0.00	seismos x+
7944	RC1	Max	0.02	0.00	-0.07	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.00	0.00	-0.11	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.01	0.00	-0.07	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	0.00	-0.08	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.01	0.00	-0.07	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	0.00	-0.07	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.01	0.00	-0.07	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	0.00	-0.07	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.49	0.01	0.00	0.00	0.00	0.00	seismos x+
		Min	-0.49	-0.01	-0.14	0.00	0.00	0.00	seismos x+
7946	RC1	Max	0.02	0.00	-0.07	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.01	0.00	-0.13	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.02	0.00	-0.07	0.00	0.00	0.00	SLS - Characteristic
		Min	0.01	0.00	-0.09	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.01	0.00	-0.07	0.00	0.00	0.00	SLS - Frequent
		Min	0.01	0.00	-0.08	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.01	0.00	-0.07	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.01	0.00	-0.07	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.12	0.00	0.01	0.00	0.00	0.00	seismos x+
		Min	-0.09	0.00	-0.14	0.00	0.00	0.00	seismos x+
7948	RC1	Max	0.02	0.00	-0.06	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.01	0.00	-0.11	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.02	0.00	-0.06	0.00	0.00	0.00	SLS - Characteristic
		Min	0.01	0.00	-0.08	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.01	0.00	-0.06	0.00	0.00	0.00	SLS - Frequent
		Min	0.01	0.00	-0.07	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.01	0.00	-0.06	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.01	0.00	-0.06	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.10	0.00	-0.02	0.00	0.00	0.00	seismos x+
		Min	-0.08	-0.01	-0.09	0.00	0.00	0.00	seismos x+

4.1 NODES - SUPPORT FORCES

Result Combinations

Node No.	RC		Support Forces [kN] P_X	P_Y	P_Z	Support Moments [kNm] M_X	M_Y	M_Z	
7950	RC1	Max	0.02	0.00	-0.05	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.01	0.00	-0.06	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.01	0.00	-0.05	0.00	0.00	0.00	SLS - Characteristic
		Min	0.01	0.00	-0.05	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.01	0.00	-0.05	0.00	0.00	0.00	SLS - Frequent
		Min	0.01	0.00	-0.05	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.01	0.00	-0.05	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.01	0.00	-0.05	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.09	0.00	-0.03	0.00	0.00	0.00	seismos x+
		Min	-0.06	0.00	-0.06	0.00	0.00	0.00	seismos x+
7951	RC1	Max	0.02	0.00	-0.04	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.01	0.00	-0.06	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.01	0.00	-0.05	0.00	0.00	0.00	SLS - Characteristic
		Min	0.01	0.00	-0.05	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.01	0.00	-0.05	0.00	0.00	0.00	SLS - Frequent
		Min	0.01	0.00	-0.05	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.01	0.00	-0.05	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.01	0.00	-0.05	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.09	0.00	-0.03	0.00	0.00	0.00	seismos x+
		Min	-0.07	0.00	-0.06	0.00	0.00	0.00	seismos x+
7952	RC1	Max	0.02	0.00	-0.05	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.01	0.00	-0.06	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.01	0.00	-0.05	0.00	0.00	0.00	SLS - Characteristic
		Min	0.01	0.00	-0.05	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.01	0.00	-0.05	0.00	0.00	0.00	SLS - Frequent
		Min	0.01	0.00	-0.05	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.01	0.00	-0.05	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.01	0.00	-0.05	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.09	0.00	-0.04	0.00	0.00	0.00	seismos x+
		Min	-0.06	0.00	-0.06	0.00	0.00	0.00	seismos x+
7953	RC1	Max	0.01	0.00	-0.04	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.01	0.00	-0.05	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.01	0.00	-0.04	0.00	0.00	0.00	SLS - Characteristic
		Min	0.01	0.00	-0.04	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.01	0.00	-0.04	0.00	0.00	0.00	SLS - Frequent
		Min	0.01	0.00	-0.04	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.01	0.00	-0.04	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.01	0.00	-0.04	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.05	0.00	-0.04	0.00	0.00	0.00	seismos x+
		Min	-0.04	0.00	-0.04	0.00	0.00	0.00	seismos x+
7959	RC1	Max	-0.05	0.15	-0.05	0.00	0.00	-0.03	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.07	0.09	-0.07	0.00	0.00	-0.06	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	-0.05	0.11	-0.05	0.00	0.00	-0.03	SLS - Characteristic
		Min	-0.05	0.09	-0.05	0.00	0.00	-0.04	SLS - Characteristic
	RC3	Max	-0.05	0.10	-0.05	0.00	0.00	-0.03	SLS - Frequent
		Min	-0.05	0.09	-0.05	0.00	0.00	-0.04	SLS - Frequent
	RC4	Max	-0.05	0.09	-0.05	0.00	0.00	-0.03	SLS - Quasi-permanent
		Min	-0.05	0.09	-0.05	0.00	0.00	-0.03	SLS - Quasi-permanent
	RC9	Max	0.60	0.17	-0.03	0.00	0.00	0.01	seismos x+
		Min	-0.71	0.00	-0.07	0.00	0.00	-0.08	seismos x+
7960	RC1	Max	-0.07	0.08	-0.07	0.00	0.00	-0.01	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.11	0.04	-0.10	0.00	0.00	-0.03	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	-0.07	0.06	-0.07	0.00	0.00	-0.01	SLS - Characteristic
		Min	-0.08	0.04	-0.08	0.00	0.00	-0.02	SLS - Characteristic
	RC3	Max	-0.07	0.05	-0.07	0.00	0.00	-0.01	SLS - Frequent
		Min	-0.08	0.04	-0.07	0.00	0.00	-0.02	SLS - Frequent
	RC4	Max	-0.07	0.04	-0.07	0.00	0.00	-0.01	SLS - Quasi-permanent
		Min	-0.08	0.04	-0.07	0.00	0.00	-0.02	SLS - Quasi-permanent
	RC9	Max	2.41	0.14	0.00	0.00	0.00	0.03	seismos x+
		Min	-2.58	-0.07	-0.13	0.00	0.00	-0.06	seismos x+
7962	RC1	Max	-0.08	0.00	-0.07	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.15	0.00	-0.12	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	-0.08	0.00	-0.07	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.11	0.00	-0.09	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	-0.08	0.00	-0.07	0.00	0.00	0.00	SLS - Frequent
		Min	-0.10	0.00	-0.08	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	-0.08	0.00	-0.07	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.09	0.00	-0.07	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	2.58	0.06	0.00	0.00	0.00	0.03	seismos x+
		Min	-2.77	-0.06	-0.14	0.00	0.00	-0.03	seismos x+
7964	RC1	Max	-0.07	-0.01	-0.06	0.00	0.00	0.01	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.11	-0.02	-0.10	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	-0.07	-0.01	-0.06	0.00	0.00	0.01	SLS - Characteristic
		Min	-0.08	-0.02	-0.08	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	-0.07	-0.01	-0.06	0.00	0.00	0.00	SLS - Frequent
		Min	-0.08	-0.01	-0.07	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	-0.07	-0.01	-0.06	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.07	-0.01	-0.07	0.00	0.00	0.00	SLS - Quasi-permanent

4.1 NODES - SUPPORT FORCES

Result Combinations

Node No.	RC		Support Forces [kN] P_X	P_Y	P_Z	Support Moments [kNm] M_X	M_Y	M_Z	
7964	RC9	Max	2.18	0.03	-0.02	0.00	0.00	0.03	seismos x+
		Min	-2.35	-0.05	-0.10	0.00	0.00	-0.02	seismos x+
7966	RC1	Max	-0.04	-0.02	-0.05	0.00	0.00	0.02	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.06	-0.05	-0.07	0.00	0.00	0.01	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	-0.04	-0.02	-0.05	0.00	0.00	0.01	SLS - Characteristic
		Min	-0.04	-0.04	-0.05	0.00	0.00	0.01	SLS - Characteristic
	RC3	Max	-0.04	-0.02	-0.05	0.00	0.00	0.01	SLS - Frequent
		Min	-0.04	-0.03	-0.05	0.00	0.00	0.01	SLS - Frequent
	RC4	Max	-0.04	-0.02	-0.05	0.00	0.00	0.01	SLS - Quasi-permanent
		Min	-0.04	-0.02	-0.05	0.00	0.00	0.01	SLS - Quasi-permanent
	RC9	Max	2.16	0.03	-0.03	0.00	0.00	0.03	seismos x+
		Min	-2.25	-0.06	-0.07	0.00	0.00	-0.02	seismos x+
7967	RC1	Max	-0.04	-0.02	-0.05	0.00	0.00	0.02	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.06	-0.06	-0.07	0.00	0.00	0.01	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	-0.04	-0.02	-0.05	0.00	0.00	0.02	SLS - Characteristic
		Min	-0.04	-0.04	-0.05	0.00	0.00	0.01	SLS - Characteristic
	RC3	Max	-0.04	-0.02	-0.05	0.00	0.00	0.01	SLS - Frequent
		Min	-0.04	-0.03	-0.05	0.00	0.00	0.01	SLS - Frequent
	RC4	Max	-0.04	-0.02	-0.05	0.00	0.00	0.01	SLS - Quasi-permanent
		Min	-0.04	-0.03	-0.05	0.00	0.00	0.01	SLS - Quasi-permanent
	RC9	Max	2.24	0.04	-0.03	0.00	0.00	0.04	seismos x+
		Min	-2.33	-0.08	-0.07	0.00	0.00	-0.02	seismos x+
7968	RC1	Max	-0.04	-0.03	-0.05	0.00	0.00	0.02	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.06	-0.04	-0.07	0.00	0.00	0.01	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	-0.04	-0.03	-0.05	0.00	0.00	0.01	SLS - Characteristic
		Min	-0.04	-0.03	-0.05	0.00	0.00	0.01	SLS - Characteristic
	RC3	Max	-0.04	-0.03	-0.05	0.00	0.00	0.01	SLS - Frequent
		Min	-0.04	-0.03	-0.05	0.00	0.00	0.01	SLS - Frequent
	RC4	Max	-0.04	-0.03	-0.05	0.00	0.00	0.01	SLS - Quasi-permanent
		Min	-0.04	-0.03	-0.05	0.00	0.00	0.01	SLS - Quasi-permanent
	RC9	Max	2.26	0.04	-0.03	0.00	0.00	0.04	seismos x+
		Min	-2.35	-0.09	-0.08	0.00	0.00	-0.03	seismos x+
7969	RC1	Max	0.00	-0.05	-0.04	0.00	0.00	0.03	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.00	-0.08	-0.06	0.00	0.00	0.02	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.00	-0.05	-0.04	0.00	0.00	0.02	SLS - Characteristic
		Min	0.00	-0.06	-0.04	0.00	0.00	0.02	SLS - Characteristic
	RC3	Max	0.00	-0.05	-0.04	0.00	0.00	0.02	SLS - Frequent
		Min	0.00	-0.06	-0.04	0.00	0.00	0.02	SLS - Frequent
	RC4	Max	0.00	-0.05	-0.04	0.00	0.00	0.02	SLS - Quasi-permanent
		Min	0.00	-0.06	-0.04	0.00	0.00	0.02	SLS - Quasi-permanent
	RC9	Max	0.02	-0.01	-0.03	0.00	0.00	0.04	seismos x+
		Min	-0.02	-0.10	-0.05	0.00	0.00	-0.01	seismos x+
7972	RC1	Max	0.06	0.00	-2.95	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.04	-0.12	-10.88	0.00	0.00	-0.01	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.03	0.00	-3.06	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.02	-0.08	-7.58	0.00	0.00	-0.01	SLS - Characteristic
	RC3	Max	0.01	0.00	-3.17	0.00	0.00	0.00	SLS - Frequent
		Min	-0.02	-0.04	-5.43	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.00	0.00	-3.21	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.01	-0.03	-4.57	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.35	0.27	0.05	0.00	0.00	0.03	seismos x+
		Min	-0.37	-0.27	-7.49	0.00	0.00	-0.03	seismos x+
7975	RC1	Max	0.06	0.01	-0.04	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.04	0.01	-0.06	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.04	0.01	-0.04	0.00	0.00	0.00	SLS - Characteristic
		Min	0.04	0.01	-0.04	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.04	0.01	-0.04	0.00	0.00	0.00	SLS - Frequent
		Min	0.04	0.01	-0.04	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.04	0.01	-0.04	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.04	0.01	-0.04	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	1.19	0.03	0.03	0.00	0.00	0.00	seismos x+
		Min	-1.10	-0.02	-0.12	0.00	0.00	0.00	seismos x+
7976	RC1	Max	0.11	0.00	-0.06	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.07	-0.01	-0.09	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.08	0.00	-0.06	0.00	0.00	0.00	SLS - Characteristic
		Min	0.07	0.00	-0.07	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.07	0.00	-0.06	0.00	0.00	0.00	SLS - Frequent
		Min	0.07	0.00	-0.06	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.07	0.00	-0.06	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.07	0.00	-0.06	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	3.87	0.00	0.19	0.00	0.00	0.00	seismos x+
		Min	-3.72	-0.01	-0.30	0.00	0.00	0.00	seismos x+
7978	RC1	Max	0.12	0.00	-0.06	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.07	0.00	-0.11	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.09	0.00	-0.06	0.00	0.00	0.00	SLS - Characteristic
		Min	0.07	0.00	-0.08	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.08	0.00	-0.06	0.00	0.00	0.00	SLS - Frequent
		Min	0.07	0.00	-0.07	0.00	0.00	0.00	SLS - Frequent

4.1 NODES - SUPPORT FORCES

Result Combinations

Node No.	RC		Support Forces [kN] P_X	P_Y	P_Z	Support Moments [kNm] M_X	M_Y	M_Z	
7978	RC4	Max	0.08	0.00	-0.06	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.07	0.00	-0.06	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	3.86	0.01	0.19	0.00	0.00	0.00	seismos x+
		Min	-3.70	-0.01	-0.31	0.00	0.00	0.00	seismos x+
7980	RC1	Max	0.10	0.00	-0.05	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.07	0.00	-0.09	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.08	0.00	-0.05	0.00	0.00	0.00	SLS - Characteristic
		Min	0.07	0.00	-0.07	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.07	0.00	-0.05	0.00	0.00	0.00	SLS - Frequent
		Min	0.07	0.00	-0.06	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.07	0.00	-0.05	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.07	0.00	-0.06	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	3.38	0.01	0.16	0.00	0.00	0.00	seismos x+
		Min	-3.24	-0.01	-0.27	0.00	0.00	0.00	seismos x+
7982	RC1	Max	0.07	0.00	-0.04	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.05	0.00	-0.06	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.05	0.00	-0.04	0.00	0.00	0.00	SLS - Characteristic
		Min	0.05	0.00	-0.04	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.05	0.00	-0.04	0.00	0.00	0.00	SLS - Frequent
		Min	0.05	0.00	-0.04	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.05	0.00	-0.04	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.05	0.00	-0.04	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	3.15	0.01	0.17	0.00	0.00	0.00	seismos x+
		Min	-3.04	-0.01	-0.25	0.00	0.00	0.00	seismos x+
7983	RC1	Max	0.07	0.00	-0.04	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.05	0.00	-0.06	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.05	0.00	-0.04	0.00	0.00	0.00	SLS - Characteristic
		Min	0.05	0.00	-0.04	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.05	0.00	-0.04	0.00	0.00	0.00	SLS - Frequent
		Min	0.05	0.00	-0.04	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.05	0.00	-0.04	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.05	0.00	-0.04	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	3.33	0.01	0.18	0.00	0.00	0.00	seismos x+
		Min	-3.22	0.00	-0.26	0.00	0.00	0.00	seismos x+
7984	RC1	Max	0.07	0.00	-0.04	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.05	0.00	-0.06	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.05	0.00	-0.04	0.00	0.00	0.00	SLS - Characteristic
		Min	0.05	0.00	-0.04	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.05	0.00	-0.04	0.00	0.00	0.00	SLS - Frequent
		Min	0.05	0.00	-0.04	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.05	0.00	-0.04	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.05	0.00	-0.04	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	3.18	0.01	0.17	0.00	0.00	0.00	seismos x+
		Min	-3.07	0.00	-0.25	0.00	0.00	0.00	seismos x+
7985	RC1	Max	0.04	0.00	-0.04	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.03	-0.01	-0.05	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.03	0.00	-0.04	0.00	0.00	0.00	SLS - Characteristic
		Min	0.03	0.00	-0.04	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.03	0.00	-0.04	0.00	0.00	0.00	SLS - Frequent
		Min	0.03	0.00	-0.04	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.03	0.00	-0.04	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.03	0.00	-0.04	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.88	0.01	0.02	0.00	0.00	0.00	seismos x+
		Min	-0.82	-0.02	-0.10	0.00	0.00	0.00	seismos x+
7986	RC1	Max	0.08	0.00	-1.73	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.04	-0.13	-13.07	0.00	0.00	-0.01	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.05	0.00	-2.67	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.03	-0.08	-9.17	0.00	0.00	-0.01	SLS - Characteristic
	RC3	Max	0.02	0.00	-3.61	0.00	0.00	0.00	SLS - Frequent
		Min	-0.02	-0.04	-6.86	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.01	0.00	-3.99	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.02	-0.03	-5.94	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.49	0.27	1.82	0.00	0.00	0.03	seismos x+
		Min	-0.52	-0.28	-11.77	0.00	0.00	-0.03	seismos x+
7991	RC1	Max	0.03	0.03	-0.05	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.02	0.01	-0.07	0.00	0.00	-0.01	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.02	0.02	-0.05	0.00	0.00	0.00	SLS - Characteristic
		Min	0.02	0.01	-0.05	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.02	0.02	-0.05	0.00	0.00	0.00	SLS - Frequent
		Min	0.02	0.01	-0.05	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.02	0.01	-0.05	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.02	0.01	-0.05	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	1.73	0.04	0.05	0.00	0.00	0.00	seismos x+
		Min	-1.68	-0.02	-0.15	0.00	0.00	-0.01	seismos x+
7992	RC1	Max	0.06	0.00	-0.07	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.04	0.00	-0.10	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.05	0.00	-0.07	0.00	0.00	0.00	SLS - Characteristic
		Min	0.05	0.00	-0.08	0.00	0.00	0.00	SLS - Characteristic

4.1 NODES - SUPPORT FORCES

Result Combinations

Node No.	RC		Support Forces [kN] P_X	P_Y	P_Z	Support Moments [kNm] M_X	M_Y	M_Z	
7992	RC3	Max	0.05	0.00	-0.07	0.00	0.00	0.00	SLS - Frequent
		Min	0.05	0.00	-0.07	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.05	0.00	-0.07	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.05	0.00	-0.07	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	5.69	0.01	0.27	0.00	0.00	0.01	seismos x+
		Min	-5.60	-0.01	-0.41	0.00	0.00	0.00	seismos x+
7994	RC1	Max	0.07	0.00	-0.07	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.04	0.00	-0.13	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.05	0.00	-0.07	0.00	0.00	0.00	SLS - Characteristic
		Min	0.05	0.00	-0.09	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.05	0.00	-0.07	0.00	0.00	0.00	SLS - Frequent
		Min	0.05	0.00	-0.08	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.05	0.00	-0.07	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.05	0.00	-0.08	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	5.67	0.00	0.27	0.00	0.00	0.00	seismos x+
		Min	-5.57	0.00	-0.41	0.00	0.00	0.00	seismos x+
7996	RC1	Max	0.06	0.00	-0.06	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.04	-0.01	-0.11	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.05	0.00	-0.06	0.00	0.00	0.00	SLS - Characteristic
		Min	0.04	-0.01	-0.08	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.04	0.00	-0.06	0.00	0.00	0.00	SLS - Frequent
		Min	0.04	0.00	-0.07	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.04	0.00	-0.06	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.04	0.00	-0.07	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	4.97	0.01	0.23	0.00	0.00	0.00	seismos x+
		Min	-4.88	-0.01	-0.35	0.00	0.00	0.00	seismos x+
7998	RC1	Max	0.05	0.00	-0.05	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.03	-0.01	-0.07	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.03	0.00	-0.05	0.00	0.00	0.00	SLS - Characteristic
		Min	0.03	-0.01	-0.05	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.03	0.00	-0.05	0.00	0.00	0.00	SLS - Frequent
		Min	0.03	0.00	-0.05	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.03	0.00	-0.05	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.03	0.00	-0.05	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	4.66	0.00	0.21	0.00	0.00	0.00	seismos x+
		Min	-4.59	-0.01	-0.31	0.00	0.00	0.00	seismos x+
7999	RC1	Max	0.05	0.00	-0.05	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.03	0.00	-0.07	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.03	0.00	-0.05	0.00	0.00	0.00	SLS - Characteristic
		Min	0.03	0.00	-0.05	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.03	0.00	-0.05	0.00	0.00	0.00	SLS - Frequent
		Min	0.03	0.00	-0.05	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.03	0.00	-0.05	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.03	0.00	-0.05	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	4.92	0.01	0.23	0.00	0.00	0.00	seismos x+
		Min	-4.85	-0.01	-0.33	0.00	0.00	0.00	seismos x+
8000	RC1	Max	0.05	0.00	-0.05	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.03	0.00	-0.07	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.03	0.00	-0.05	0.00	0.00	0.00	SLS - Characteristic
		Min	0.03	0.00	-0.05	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.03	0.00	-0.05	0.00	0.00	0.00	SLS - Frequent
		Min	0.03	0.00	-0.05	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.03	0.00	-0.05	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.03	0.00	-0.05	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	4.70	0.02	0.21	0.00	0.00	0.01	seismos x+
		Min	-4.63	-0.01	-0.32	0.00	0.00	-0.01	seismos x+
8001	RC1	Max	0.01	-0.01	-0.04	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.01	-0.01	-0.06	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.01	-0.01	-0.04	0.00	0.00	0.00	SLS - Characteristic
		Min	0.01	-0.01	-0.04	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.01	-0.01	-0.04	0.00	0.00	0.00	SLS - Frequent
		Min	0.01	-0.01	-0.04	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.01	-0.01	-0.04	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.01	-0.01	-0.04	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	1.28	0.00	0.03	0.00	0.00	0.01	seismos x+
		Min	-1.26	-0.02	-0.11	0.00	0.00	0.00	seismos x+
8007	RC1	Max	0.01	0.00	-0.04	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.01	0.00	-0.06	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.01	0.00	-0.04	0.00	0.00	0.00	SLS - Characteristic
		Min	0.01	0.00	-0.04	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.01	0.00	-0.04	0.00	0.00	0.00	SLS - Frequent
		Min	0.01	0.00	-0.04	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.01	0.00	-0.04	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.01	0.00	-0.04	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.15	0.00	-0.03	0.00	0.00	0.00	seismos x+
		Min	-0.14	0.00	-0.05	0.00	0.00	0.00	seismos x+
8008	RC1	Max	0.01	0.00	-0.05	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.00	0.00	-0.09	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10

4.1 NODES - SUPPORT FORCES

Result Combinations

Node No.	RC		Support Forces [kN] P_X	P_Y	P_Z	Support Moments [kNm] M_X	M_Y	M_Z	
8008	RC2	Max	0.00	0.00	-0.05	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	0.00	-0.06	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.00	0.00	-0.05	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	0.00	-0.06	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.00	0.00	-0.05	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	0.00	-0.06	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.48	0.00	-0.01	0.00	0.00	0.00	seismos x+
		Min	-0.48	0.00	-0.10	0.00	0.00	0.00	seismos x+
8010	RC1	Max	0.01	0.00	-0.06	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.00	0.00	-0.10	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.01	0.00	-0.06	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	0.00	-0.07	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.00	0.00	-0.06	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	0.00	-0.06	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.00	0.00	-0.06	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	0.00	-0.06	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.48	0.00	-0.01	0.00	0.00	0.00	seismos x+
		Min	-0.48	0.00	-0.11	0.00	0.00	0.00	seismos x+
8012	RC1	Max	0.01	0.00	-0.05	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.00	0.00	-0.09	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.00	0.00	-0.05	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	0.00	-0.06	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.00	0.00	-0.05	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	0.00	-0.06	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.00	0.00	-0.05	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	0.00	-0.05	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.42	0.00	-0.03	0.00	0.00	0.00	seismos x+
		Min	-0.42	0.00	-0.07	0.00	0.00	0.00	seismos x+
8014	RC1	Max	0.00	0.00	-0.04	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.01	0.00	-0.06	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.00	0.00	-0.04	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	0.00	-0.04	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.00	0.00	-0.04	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	0.00	-0.04	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.00	0.00	-0.04	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	0.00	-0.04	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.39	0.00	-0.04	0.00	0.00	0.00	seismos x+
		Min	-0.40	0.00	-0.05	0.00	0.00	0.00	seismos x+
8015	RC1	Max	0.00	0.00	-0.04	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.01	0.00	-0.06	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.00	0.00	-0.04	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	0.00	-0.04	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.00	0.00	-0.04	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	0.00	-0.04	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.00	0.00	-0.04	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	0.00	-0.04	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.41	0.00	-0.04	0.00	0.00	0.00	seismos x+
		Min	-0.42	0.00	-0.05	0.00	0.00	0.00	seismos x+
8016	RC1	Max	0.00	0.00	-0.04	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.00	0.00	-0.06	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.00	0.00	-0.04	0.00	0.00	0.00	SLS - Characteristic
		Min	0.00	0.00	-0.04	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.00	0.00	-0.04	0.00	0.00	0.00	SLS - Frequent
		Min	0.00	0.00	-0.04	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.00	0.00	-0.04	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.00	0.00	-0.04	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.40	0.00	-0.04	0.00	0.00	0.00	seismos x+
		Min	-0.40	0.00	-0.05	0.00	0.00	0.00	seismos x+
8017	RC1	Max	0.01	0.00	-0.03	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.01	0.00	-0.05	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.01	0.00	-0.03	0.00	0.00	0.00	SLS - Characteristic
		Min	0.01	0.00	-0.03	0.00	0.00	0.00	SLS - Characteristic
	RC3	Max	0.01	0.00	-0.03	0.00	0.00	0.00	SLS - Frequent
		Min	0.01	0.00	-0.03	0.00	0.00	0.00	SLS - Frequent
	RC4	Max	0.01	0.00	-0.03	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.01	0.00	-0.03	0.00	0.00	0.00	SLS - Quasi-permanent
	RC9	Max	0.11	0.00	-0.03	0.00	0.00	0.00	seismos x+
		Min	-0.10	0.00	-0.04	0.00	0.00	0.00	seismos x+
8110	RC1	Max	0.18	0.68	-0.33	0.00	0.00	0.01	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.41	-1.30	-7.15	0.00	0.00	-0.07	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.09	0.45	-1.17	0.00	0.00	0.01	SLS - Characteristic
		Min	-0.28	-0.87	-5.05	0.00	0.00	-0.05	SLS - Characteristic
	RC3	Max	0.00	0.23	-2.00	0.00	0.00	0.00	SLS - Frequent
		Min	-0.18	-0.43	-3.94	0.00	0.00	-0.02	SLS - Frequent
	RC4	Max	-0.03	0.14	-2.33	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.15	-0.26	-3.49	0.00	0.00	-0.01	SLS - Quasi-permanent
	RC9	Max	1.16	11.16	12.64	0.00	0.00	0.51	seismos x+
		Min	-1.37	-11.14	-18.88	0.00	0.00	-0.50	seismos x+
8118	RC1	Max	0.82	-0.07	-2.16	0.00	0.00	0.01	ULS (STR/GEO) - Permanent / transient - Eq. 6.10

4.1 NODES - SUPPORT FORCES

Result Combinations

Node No.	RC		Support Forces [kN] P_X	P_Y	P_Z	Support Moments [kNm] M_X	M_Y	M_Z	
8118 8118		Min	-0.45	-5.33	-8.50	0.00	0.00	-0.03	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.52	-0.07	-2.16	0.00	0.00	0.01	SLS - Characteristic
		Min	-0.31	-3.54	-5.87	0.00	0.00	-0.02	SLS - Characteristic
	RC3	Max	0.22	-0.07	-2.16	0.00	0.00	0.00	SLS - Frequent
		Min	-0.19	-1.80	-4.01	0.00	0.00	-0.01	SLS - Frequent
	RC4	Max	0.10	-0.07	-2.16	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	-0.15	-1.11	-3.27	0.00	0.00	-0.01	SLS - Quasi-permanent
	RC9	Max	4.75	27.18	18.98	0.00	0.00	0.48	seismos x+
		Min	-4.96	-27.36	-23.76	0.00	0.00	-0.47	seismos x+
8126	RC1	Max	0.84	-0.04	-2.78	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	-0.12	-3.37	-8.89	0.00	0.00	-0.04	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.57	-0.04	-2.78	0.00	0.00	0.00	SLS - Characteristic
		Min	-0.07	-2.25	-6.20	0.00	0.00	-0.03	SLS - Characteristic
	RC3	Max	0.30	-0.04	-2.78	0.00	0.00	0.00	SLS - Frequent
		Min	-0.01	-1.15	-4.49	0.00	0.00	-0.01	SLS - Frequent
	RC4	Max	0.20	-0.04	-2.78	0.00	0.00	0.00	SLS - Quasi-permanent
		Min	0.01	-0.70	-3.81	0.00	0.00	-0.01	SLS - Quasi-permanent
	RC9	Max	3.89	2.83	4.00	0.00	0.00	0.44	seismos x+
		Min	-3.82	-2.91	-10.45	0.00	0.00	-0.45	seismos x+
8134	RC1	Max	1.66	-0.06	-0.93	0.00	0.00	0.00	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.06	-3.48	-7.93	0.00	0.00	-0.06	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	1.12	-0.06	-1.38	0.00	0.00	-0.01	SLS - Characteristic
		Min	0.10	-2.33	-5.52	0.00	0.00	-0.04	SLS - Characteristic
	RC3	Max	0.64	-0.06	-1.83	0.00	0.00	-0.01	SLS - Frequent
		Min	0.13	-1.19	-3.90	0.00	0.00	-0.03	SLS - Frequent
	RC4	Max	0.45	-0.06	-2.02	0.00	0.00	-0.01	SLS - Quasi-permanent
		Min	0.14	-0.74	-3.25	0.00	0.00	-0.02	SLS - Quasi-permanent
	RC9	Max	6.31	1.04	3.68	0.00	0.00	0.49	seismos x+
		Min	-5.92	-1.18	-8.87	0.00	0.00	-0.51	seismos x+
8142	RC1	Max	0.90	0.21	-2.69	0.00	0.00	-0.01	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
		Min	0.15	-6.31	-13.17	0.00	0.00	-0.06	ULS (STR/GEO) - Permanent / transient - Eq. 6.10
	RC2	Max	0.61	0.15	-2.69	0.00	0.00	-0.01	SLS - Characteristic
		Min	0.15	-4.18	-9.05	0.00	0.00	-0.04	SLS - Characteristic
	RC3	Max	0.38	0.11	-2.69	0.00	0.00	-0.01	SLS - Frequent
		Min	0.15	-2.06	-5.88	0.00	0.00	-0.03	SLS - Frequent
	RC4	Max	0.29	0.09	-2.69	0.00	0.00	-0.01	SLS - Quasi-permanent
		Min	0.15	-1.21	-4.60	0.00	0.00	-0.02	SLS - Quasi-permanent
	RC9	Max	2.41	4.12	14.38	0.00	0.00	0.40	seismos x+
		Min	-2.08	-3.95	-20.45	0.00	0.00	-0.43	seismos x+

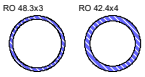
RF-STEEL EC3
CA1
Columns x+

1.1 GENERAL DATA

Members to design:	1,3,5,7,9,11,13,15,17,19,21,23,25,27,29,31,70,164,166-168,264-267, 269-273,275,277,279,281,283,285,287,353,425,427,429,431,433,435, 437,439,577,579,601,603,625-642,657-660,722-727,767,768,770,771,773, 774,776,777,782-799,838-855,1082,1084,1086,1088,1120,1122,1137,1139, 1154,1156,1187,1200-1209,1212-1221,1255,1304,1306,1308,1310,1342, 1344,1359,1361,1376,1378,1396,1422-1431,1433-1443,1597-1601, 1670-1673,1682-1685,1716,1717,1768,1769,1774,1775,1814,1815,1820, 1821,1852,1853,1858,1859,1898,1899,1904-1907,1938,1939,1944,1945, 1976,1977,2028,2029,2034-2037,2068,2069,2082,2083,2152-2155, 2164-2167,2198,2199,2250,2251,2256,2257,2296,2297,2302,2303,2334, 2335,2340,2341,2350,2351,2382,2383,2434,2435,2440-2443,2474,2475, 2518,2519,2524,2525,2556,2557,2562-2565,2634-2637,2646-2649,2680, 2681,2732,2733,2738,2739,2778,2779,2784,2785,2816,2817,2822,2823, 2832,2833,2864,2865,2916,2917,2922,2923,2956,2957,3000,3001,3006, 3007,3038,3039,3044-3047,3078,3079,3188,3189,3258-3261,3270-3273, 3304,3305,3356,3357,3362,3363,3402,3403,3408,3409,3440,3441,3446, 3447,3456,3457,3488,3489,3540,3541,3546,3547,3580,3581,3624,3625, 3630,3631,3662,3663,3668-3670,3702,3703,3812-3841,3844-3853,3980, 3981,3986,3987,4003,4004,4009-4011,4026,4027,4032,4033,4049,4050, 4055,4056,4084,4085,4090,4091,4107,4108,4113,4114,4130,4131,4136, 4137,4153,4154,4159,4160,4474-4482,4490,4491,4512-4514,4534,4536, 4542-4550,4568-4576,4619,4653,4682,4683,4688,4689,4702,4725,4728, 4745,4748,4761,4764,4769,4782,4805,4808,4809,4822,4841,4844,4857, 4860,5034-5037,5039-5077,5081-5086,5090-5110,5119,5128-5167, 5218-5237,5417-5421,5428-5431,5441-5444,5447-5450,5455-5458,5463-5466, 5471-5474,5479-5482,5487-5490,5570-5583,5585,5586,5588,5589,5591, 5592,5594,5595,5597,5598,5600,5601,5603,5604,5639-5645,5652-5654, 5656-5658,5660-5662,5664-5666,5668-5670,5672-5674,5676-5678,5710-5712, 5714-5716,5718-5720,5722-5724,5726-5728,5730-5732,5734-5736,5780-5782, 5784-5786,5794-5796,5798-5800,5812-5814,5818-5820,5826-5828,5834-5836, 5844-5846,5852-5854,5862-5864,5868-5870,5875-5878,5882-5884,5889-5892, 5896-5898,5904-5906,5910-5912,5918-5920,5924-5926,6018,6020-6022, 6030-6032,6034-6036,6048-6050,6054-6056,6062-6064,6070-6072,6080-6082, 6088-6090,6098-6100,6104-6106,6111-6113,6117-6119,6124-6126,6130-6132, 6138-6140,6144-6146,6152-6154,6158-6160,6252-6254,6257-6259,6262-6264, 6267-6269,6272-6274,6277-6279,6282-6284,6287-6289,6408-6410,6413-6415, 6418-6420,6423-6425,6428-6430,6433-6435,6438-6440,6443-6445,7083, 7085,8548,8550,8576,8584,8607,8609,9259,9505-9511,9524,9627,9631, 9981-9985,10054,10650
Sets of members to design:	1-345,347,349,351-363,366-495,497-499,501-523,644-713
National Annex:	CEN
Ultimate Limit State Design Result combinations to design:	RC1 ULS (STR/GEO) - Permanent / transient - Eq. 6.10 RC9 seismos x+

1.2 MATERIALS

Matl. No.	Material Description	E- Modulus E [kN/cm²]	Shear Modulus G [kN/cm²]	Poisson's Ratio ν [-]	Yield Stress f_{yk} [kN/cm²]	Max. Thickness t [mm]
1	Steel S 235 | EN 10025-2:2004-11	21000.00	8076.92	0.300	23.50	16.0
					22.50	40.0
					21.50	100.0
					19.50	150.0
					18.50	200.0
					17.50	250.0
					16.50	400.0



1.3 CROSS-SECTIONS

Sect. No.	Matl. No.	Cross-Section Description	Cross-Section Type	Max Design Ratio	Comment
1	1	RO 48.3x3 | EN 10219-2:2006	Pipe	1.01	
2	1	RO 42.4x4 | EN 10219-2:2006	Pipe	0.68	
8	1	RO 42.4x4 | EN 10219-2:2006	Pipe	0.60	

1.5 EFFECTIVE LENGTHS - MEMBERS

Member	Buckling	Buckling About Axis y			Buckling About Axis z			Lateral-Torsional Buckling				
No.	Possible	Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Possible	k_z	k_w	L_w [m]	L_T [m]
1	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
5	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
7	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
9	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
11	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
13	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
15	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
17	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
19	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
21	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
23	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
25	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
27	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
29	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
31	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
70	☒	☒	1.00	0.140	☒	1.00	0.140	☐	1.0	1.0	0.140	0.140
164	☒	☒	1.00	0.140	☒	1.00	0.140	☐	1.0	1.0	0.140	0.140
166	☒	☒	1.00	0.140	☒	1.00	0.140	☐	1.0	1.0	0.140	0.140
167	☒	☒	1.00	0.140	☒	1.00	0.140	☐	1.0	1.0	0.140	0.140
168	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
264	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
265	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
266	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250

1.5 EFFECTIVE LENGTHS - MEMBERS

Member	Buckling	Buckling About Axis y			Buckling About Axis z			Lateral-Torsional Buckling				
No.	Possible	Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Possible	k_z	k_w	L_w [m]	L_T [m]
267	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
269	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
270	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
271	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
272	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
273	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
275	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
277	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
279	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
281	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
283	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
285	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
287	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
353	☒	☒	1.00	0.040	☒	1.00	0.040	☐	1.0	1.0	0.040	0.040
425	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
427	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
429	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
431	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
433	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
435	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
437	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
439	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
577	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
579	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
601	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
603	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
625	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
626	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
627	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
628	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
629	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
630	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
631	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
632	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
633	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
634	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
635	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
636	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
637	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
638	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
639	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
640	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
641	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
642	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
657	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
658	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
659	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
660	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
722	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
723	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
724	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
725	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
726	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
727	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
767	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
768	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
770	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
771	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
773	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
774	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
776	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
777	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
782	☒	☒	1.00	0.280	☒	1.00	0.280	☐	1.0	1.0	0.280	0.280
783	☒	☒	1.00	0.280	☒	1.00	0.280	☐	1.0	1.0	0.280	0.280
784	☒	☒	1.00	0.320	☒	1.00	0.320	☐	1.0	1.0	0.320	0.320
785	☒	☒	1.00	0.320	☒	1.00	0.320	☐	1.0	1.0	0.320	0.320
786	☒	☒	1.00	0.320	☒	1.00	0.320	☐	1.0	1.0	0.320	0.320
787	☒	☒	1.00	0.320	☒	1.00	0.320	☐	1.0	1.0	0.320	0.320
788	☒	☒	1.00	0.320	☒	1.00	0.320	☐	1.0	1.0	0.320	0.320
789	☒	☒	1.00	0.320	☒	1.00	0.320	☐	1.0	1.0	0.320	0.320
790	☒	☒	1.00	0.320	☒	1.00	0.320	☐	1.0	1.0	0.320	0.320
791	☒	☒	1.00	0.320	☒	1.00	0.320	☐	1.0	1.0	0.320	0.320
792	☒	☒	1.00	0.320	☒	1.00	0.320	☐	1.0	1.0	0.320	0.320
793	☒	☒	1.00	0.320	☒	1.00	0.320	☐	1.0	1.0	0.320	0.320
794	☒	☒	1.00	0.320	☒	1.00	0.320	☐	1.0	1.0	0.320	0.320
795	☒	☒	1.00	0.320	☒	1.00	0.320	☐	1.0	1.0	0.320	0.320
796	☒	☒	1.00	0.320	☒	1.00	0.320	☐	1.0	1.0	0.320	0.320
797	☒	☒	1.00	0.320	☒	1.00	0.320	☐	1.0	1.0	0.320	0.320
798	☒	☒	1.00	0.320	☒	1.00	0.320	☐	1.0	1.0	0.320	0.320
799	☒	☒	1.00	0.320	☒	1.00	0.320	☐	1.0	1.0	0.320	0.320
838	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
839	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
840	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
841	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
842	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
843	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
844	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
845	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
846	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
847	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
848	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
849	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
850	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
851	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250

1.5 EFFECTIVE LENGTHS - MEMBERS

Member No.	Buckling Possible	Buckling About Axis y			Buckling About Axis z			Lateral-Torsional Buckling				
		Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Possible	k_z	k_w	L_w [m]	L_T [m]
852	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
853	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
854	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
855	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
1082	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
1084	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
1086	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
1088	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
1120	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
1122	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
1137	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
1139	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
1154	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
1156	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
1187	☒	☒	1.00	0.022	☒	1.00	0.022	☐	1.0	1.0	0.022	0.022
1200	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
1201	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
1202	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
1203	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
1204	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
1205	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
1206	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
1207	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
1208	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
1209	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
1212	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
1213	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
1214	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
1215	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
1216	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
1217	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
1218	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
1219	☒	☒	1.00	0.320	☒	1.00	0.320	☐	1.0	1.0	0.320	0.320
1220	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
1221	☒	☒	1.00	0.320	☒	1.00	0.320	☐	1.0	1.0	0.320	0.320
1255	☒	☒	1.00	0.022	☒	1.00	0.022	☐	1.0	1.0	0.022	0.022
1304	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
1306	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
1308	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
1310	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
1342	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
1344	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
1359	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
1361	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
1376	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
1378	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
1396	☒	☒	1.00	0.022	☒	1.00	0.022	☐	1.0	1.0	0.022	0.022
1422	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
1423	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
1424	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
1425	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
1426	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
1427	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
1428	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
1429	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
1430	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
1431	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
1433	☒	☒	1.00	0.022	☒	1.00	0.022	☐	1.0	1.0	0.022	0.022
1434	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
1435	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
1436	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
1437	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
1438	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
1439	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
1440	☒	☒	1.00	0.320	☒	1.00	0.320	☐	1.0	1.0	0.320	0.320
1441	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
1442	☒	☒	1.00	0.320	☒	1.00	0.320	☐	1.0	1.0	0.320	0.320
1443	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
1597	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
1598	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
1599	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
1600	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
1601	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
1670	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
1671	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
1672	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
1673	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
1682	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
1683	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
1684	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
1685	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
1716	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
1717	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
1768	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
1769	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
1774	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
1775	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
1814	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
1815	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
1820	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
1821	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
1852	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
1853	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
1858	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250

1.5 EFFECTIVE LENGTHS - MEMBERS

Member No.	Buckling Possible	Buckling About Axis y Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Buckling About Axis z Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Lateral-Torsional Buckling Possible	k_z	k_w	L_w [m]	L_T [m]
1859	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
1898	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
1899	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
1904	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
1905	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
1906	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
1907	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
1938	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
1939	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
1944	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
1945	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
1976	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
1977	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2028	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2029	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2034	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2035	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2036	☒	☒	1.00	0.155	☒	1.00	0.155	☐	1.0	1.0	0.155	0.155
2037	☒	☒	1.00	0.155	☒	1.00	0.155	☐	1.0	1.0	0.155	0.155
2068	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2069	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2082	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2083	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2152	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2153	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2154	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2155	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2164	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2165	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2166	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2167	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2198	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2199	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2250	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2251	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2256	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2257	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2296	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2297	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2302	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2303	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2334	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2335	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2340	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2341	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2350	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2351	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2382	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2383	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2434	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2435	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2440	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2441	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2442	☒	☒	1.00	0.155	☒	1.00	0.155	☐	1.0	1.0	0.155	0.155
2443	☒	☒	1.00	0.155	☒	1.00	0.155	☐	1.0	1.0	0.155	0.155
2474	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2475	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2518	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2519	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2524	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2525	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2556	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2557	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2562	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2563	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2564	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2565	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2634	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2635	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2636	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2637	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2646	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2647	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2648	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2649	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2680	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2681	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2732	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2733	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2738	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2739	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2778	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2779	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2784	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2785	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2816	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2817	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2822	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2823	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2832	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2833	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2864	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2865	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2916	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250

1.5 EFFECTIVE LENGTHS - MEMBERS

Member	Buckling	Buckling About Axis y			Buckling About Axis z			Lateral-Torsional Buckling				
No.	Possible	Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Possible	k_z	k_w	L_w [m]	L_T [m]
2917	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2922	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2923	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2956	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
2957	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3000	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3001	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3006	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3007	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3038	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3039	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3044	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3045	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3046	☒	☒	1.00	0.155	☒	1.00	0.155	☐	1.0	1.0	0.155	0.155
3047	☒	☒	1.00	0.155	☒	1.00	0.155	☐	1.0	1.0	0.155	0.155
3078	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3079	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3188	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3189	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3258	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3259	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3260	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3261	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3270	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3271	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3272	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3273	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3304	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3305	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3356	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3357	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3362	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3363	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3402	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3403	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3408	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3409	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3440	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3441	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3446	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3447	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3456	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3457	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3488	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3489	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3540	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3541	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3546	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3547	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3580	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3581	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3624	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3625	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3630	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3631	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3662	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3663	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3668	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3669	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3670	☒	☒	1.00	0.155	☒	1.00	0.155	☐	1.0	1.0	0.155	0.155
3702	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3703	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3812	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3813	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3814	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3815	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3816	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3817	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3818	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3819	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3820	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3821	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3822	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3823	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3824	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3825	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3826	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3827	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3828	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3829	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3830	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3831	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3832	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3833	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3834	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3835	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3836	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3837	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3838	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3839	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3840	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3841	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3844	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3845	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250

1.5 EFFECTIVE LENGTHS - MEMBERS

Member	Buckling	Buckling About Axis y			Buckling About Axis z			Lateral-Torsional Buckling				
No.	Possible	Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Possible	k_z	k_w	L_w [m]	L_T [m]
3846	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3847	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3848	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3849	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3850	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3851	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3852	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3853	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3980	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3981	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
3986	☒	☒	1.00	0.208	☒	1.00	0.208	☐	1.0	1.0	0.208	0.208
3987	☒	☒	1.00	0.230	☒	1.00	0.230	☐	1.0	1.0	0.230	0.230
4003	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
4004	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
4009	☒	☒	1.00	0.208	☒	1.00	0.208	☐	1.0	1.0	0.208	0.208
4010	☒	☒	1.00	0.230	☒	1.00	0.230	☐	1.0	1.0	0.230	0.230
4011	☒	☒	1.00	0.022	☒	1.00	0.022	☐	1.0	1.0	0.022	0.022
4026	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
4027	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
4032	☒	☒	1.00	0.208	☒	1.00	0.208	☐	1.0	1.0	0.208	0.208
4033	☒	☒	1.00	0.230	☒	1.00	0.230	☐	1.0	1.0	0.230	0.230
4049	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
4050	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
4055	☒	☒	1.00	0.208	☒	1.00	0.208	☐	1.0	1.0	0.208	0.208
4056	☒	☒	1.00	0.230	☒	1.00	0.230	☐	1.0	1.0	0.230	0.230
4084	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
4085	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
4090	☒	☒	1.00	0.208	☒	1.00	0.208	☐	1.0	1.0	0.208	0.208
4091	☒	☒	1.00	0.230	☒	1.00	0.230	☐	1.0	1.0	0.230	0.230
4107	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
4108	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
4113	☒	☒	1.00	0.208	☒	1.00	0.208	☐	1.0	1.0	0.208	0.208
4114	☒	☒	1.00	0.230	☒	1.00	0.230	☐	1.0	1.0	0.230	0.230
4130	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
4131	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
4136	☒	☒	1.00	0.208	☒	1.00	0.208	☐	1.0	1.0	0.208	0.208
4137	☒	☒	1.00	0.230	☒	1.00	0.230	☐	1.0	1.0	0.230	0.230
4153	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
4154	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
4159	☒	☒	1.00	0.208	☒	1.00	0.208	☐	1.0	1.0	0.208	0.208
4160	☒	☒	1.00	0.230	☒	1.00	0.230	☐	1.0	1.0	0.230	0.230
4474	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
4475	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
4476	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
4477	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
4478	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
4479	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
4480	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
4481	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
4482	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
4490	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
4491	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
4512	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
4513	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
4514	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
4534	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
4536	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
4542	☒	☒	1.00	0.280	☒	1.00	0.280	☐	1.0	1.0	0.280	0.280
4543	☒	☒	1.00	0.280	☒	1.00	0.280	☐	1.0	1.0	0.280	0.280
4544	☒	☒	1.00	0.280	☒	1.00	0.280	☐	1.0	1.0	0.280	0.280
4545	☒	☒	1.00	0.280	☒	1.00	0.280	☐	1.0	1.0	0.280	0.280
4546	☒	☒	1.00	0.280	☒	1.00	0.280	☐	1.0	1.0	0.280	0.280
4547	☒	☒	1.00	0.280	☒	1.00	0.280	☐	1.0	1.0	0.280	0.280
4548	☒	☒	1.00	0.280	☒	1.00	0.280	☐	1.0	1.0	0.280	0.280
4549	☒	☒	1.00	0.280	☒	1.00	0.280	☐	1.0	1.0	0.280	0.280
4550	☒	☒	1.00	0.280	☒	1.00	0.280	☐	1.0	1.0	0.280	0.280
4568	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
4569	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
4570	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
4571	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
4572	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
4573	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
4574	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
4575	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
4576	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
4619	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
4653	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
4682	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
4683	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
4688	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
4689	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
4702	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
4725	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
4728	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
4745	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
4748	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
4761	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
4764	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
4769	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
4782	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
4805	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
4808	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
4809	☒	☒	1.00	0.155	☒	1.00	0.155	☐	1.0	1.0	0.155	0.155
4822	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250

1.5 EFFECTIVE LENGTHS - MEMBERS

Member No.	Buckling Possible	Buckling About Axis y Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Buckling About Axis z Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Lateral-Torsional Buckling Possible	k_z	k_w	L_w [m]	L_T [m]
4841	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
4844	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
4857	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
4860	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
5034	☒	☒	1.00	0.225	☒	1.00	0.225	☐	1.0	1.0	0.225	0.225
5035	☒	☒	1.00	0.225	☒	1.00	0.225	☐	1.0	1.0	0.225	0.225
5036	☒	☒	1.00	0.225	☒	1.00	0.225	☐	1.0	1.0	0.225	0.225
5037	☒	☒	1.00	0.225	☒	1.00	0.225	☐	1.0	1.0	0.225	0.225
5039	☒	☒	1.00	0.225	☒	1.00	0.225	☐	1.0	1.0	0.225	0.225
5040	☒	☒	1.00	0.225	☒	1.00	0.225	☐	1.0	1.0	0.225	0.225
5041	☒	☒	1.00	0.225	☒	1.00	0.225	☐	1.0	1.0	0.225	0.225
5042	☒	☒	1.00	0.225	☒	1.00	0.225	☐	1.0	1.0	0.225	0.225
5043	☒	☒	1.00	0.225	☒	1.00	0.225	☐	1.0	1.0	0.225	0.225
5044	☒	☒	1.00	0.225	☒	1.00	0.225	☐	1.0	1.0	0.225	0.225
5045	☒	☒	1.00	0.225	☒	1.00	0.225	☐	1.0	1.0	0.225	0.225
5046	☒	☒	1.00	0.225	☒	1.00	0.225	☐	1.0	1.0	0.225	0.225
5047	☒	☒	1.00	0.160	☒	1.00	0.160	☐	1.0	1.0	0.160	0.160
5048	☒	☒	1.00	0.160	☒	1.00	0.160	☐	1.0	1.0	0.160	0.160
5049	☒	☒	1.00	0.140	☒	1.00	0.140	☐	1.0	1.0	0.140	0.140
5050	☒	☒	1.00	0.140	☒	1.00	0.140	☐	1.0	1.0	0.140	0.140
5051	☒	☒	1.00	0.195	☒	1.00	0.195	☐	1.0	1.0	0.195	0.195
5052	☒	☒	1.00	0.195	☒	1.00	0.195	☐	1.0	1.0	0.195	0.195
5053	☒	☒	1.00	0.139	☒	1.00	0.139	☐	1.0	1.0	0.139	0.139
5054	☒	☒	1.00	0.195	☒	1.00	0.195	☐	1.0	1.0	0.195	0.195
5055	☒	☒	1.00	0.195	☒	1.00	0.195	☐	1.0	1.0	0.195	0.195
5056	☒	☒	1.00	0.139	☒	1.00	0.139	☐	1.0	1.0	0.139	0.139
5057	☒	☒	1.00	0.195	☒	1.00	0.195	☐	1.0	1.0	0.195	0.195
5058	☒	☒	1.00	0.195	☒	1.00	0.195	☐	1.0	1.0	0.195	0.195
5059	☒	☒	1.00	0.139	☒	1.00	0.139	☐	1.0	1.0	0.139	0.139
5060	☒	☒	1.00	0.195	☒	1.00	0.195	☐	1.0	1.0	0.195	0.195
5061	☒	☒	1.00	0.195	☒	1.00	0.195	☐	1.0	1.0	0.195	0.195
5062	☒	☒	1.00	0.139	☒	1.00	0.139	☐	1.0	1.0	0.139	0.139
5063	☒	☒	1.00	0.195	☒	1.00	0.195	☐	1.0	1.0	0.195	0.195
5064	☒	☒	1.00	0.195	☒	1.00	0.195	☐	1.0	1.0	0.195	0.195
5065	☒	☒	1.00	0.139	☒	1.00	0.139	☐	1.0	1.0	0.139	0.139
5066	☒	☒	1.00	0.195	☒	1.00	0.195	☐	1.0	1.0	0.195	0.195
5067	☒	☒	1.00	0.195	☒	1.00	0.195	☐	1.0	1.0	0.195	0.195
5068	☒	☒	1.00	0.139	☒	1.00	0.139	☐	1.0	1.0	0.139	0.139
5069	☒	☒	1.00	0.195	☒	1.00	0.195	☐	1.0	1.0	0.195	0.195
5070	☒	☒	1.00	0.195	☒	1.00	0.195	☐	1.0	1.0	0.195	0.195
5071	☒	☒	1.00	0.139	☒	1.00	0.139	☐	1.0	1.0	0.139	0.139
5072	☒	☒	1.00	0.195	☒	1.00	0.195	☐	1.0	1.0	0.195	0.195
5073	☒	☒	1.00	0.195	☒	1.00	0.195	☐	1.0	1.0	0.195	0.195
5074	☒	☒	1.00	0.139	☒	1.00	0.139	☐	1.0	1.0	0.139	0.139
5075	☒	☒	1.00	0.195	☒	1.00	0.195	☐	1.0	1.0	0.195	0.195
5076	☒	☒	1.00	0.195	☒	1.00	0.195	☐	1.0	1.0	0.195	0.195
5077	☒	☒	1.00	0.139	☒	1.00	0.139	☐	1.0	1.0	0.139	0.139
5081	☒	☒	1.00	0.235	☒	1.00	0.235	☐	1.0	1.0	0.235	0.235
5082	☒	☒	1.00	0.235	☒	1.00	0.235	☐	1.0	1.0	0.235	0.235
5083	☒	☒	1.00	0.235	☒	1.00	0.235	☐	1.0	1.0	0.235	0.235
5084	☒	☒	1.00	0.235	☒	1.00	0.235	☐	1.0	1.0	0.235	0.235
5085	☒	☒	1.00	0.235	☒	1.00	0.235	☐	1.0	1.0	0.235	0.235
5086	☒	☒	1.00	0.235	☒	1.00	0.235	☐	1.0	1.0	0.235	0.235
5090	☒	☒	1.00	0.235	☒	1.00	0.235	☐	1.0	1.0	0.235	0.235
5091	☒	☒	1.00	0.235	☒	1.00	0.235	☐	1.0	1.0	0.235	0.235
5092	☒	☒	1.00	0.235	☒	1.00	0.235	☐	1.0	1.0	0.235	0.235
5093	☒	☒	1.00	0.235	☒	1.00	0.235	☐	1.0	1.0	0.235	0.235
5094	☒	☒	1.00	0.235	☒	1.00	0.235	☐	1.0	1.0	0.235	0.235
5095	☒	☒	1.00	0.235	☒	1.00	0.235	☐	1.0	1.0	0.235	0.235
5096	☒	☒	1.00	0.235	☒	1.00	0.235	☐	1.0	1.0	0.235	0.235
5097	☒	☒	1.00	0.235	☒	1.00	0.235	☐	1.0	1.0	0.235	0.235
5098	☒	☒	1.00	0.235	☒	1.00	0.235	☐	1.0	1.0	0.235	0.235
5099	☒	☒	1.00	0.235	☒	1.00	0.235	☐	1.0	1.0	0.235	0.235
5100	☒	☒	1.00	0.235	☒	1.00	0.235	☐	1.0	1.0	0.235	0.235
5101	☒	☒	1.00	0.235	☒	1.00	0.235	☐	1.0	1.0	0.235	0.235
5102	☒	☒	1.00	0.235	☒	1.00	0.235	☐	1.0	1.0	0.235	0.235
5103	☒	☒	1.00	0.235	☒	1.00	0.235	☐	1.0	1.0	0.235	0.235
5104	☒	☒	1.00	0.235	☒	1.00	0.235	☐	1.0	1.0	0.235	0.235
5105	☒	☒	1.00	0.235	☒	1.00	0.235	☐	1.0	1.0	0.235	0.235
5106	☒	☒	1.00	0.235	☒	1.00	0.235	☐	1.0	1.0	0.235	0.235
5107	☒	☒	1.00	0.235	☒	1.00	0.235	☐	1.0	1.0	0.235	0.235
5108	☒	☒	1.00	0.235	☒	1.00	0.235	☐	1.0	1.0	0.235	0.235
5109	☒	☒	1.00	0.235	☒	1.00	0.235	☐	1.0	1.0	0.235	0.235
5110	☒	☒	1.00	0.235	☒	1.00	0.235	☐	1.0	1.0	0.235	0.235
5119	☒	☒	1.00	0.050	☒	1.00	0.050	☐	1.0	1.0	0.050	0.050
5128	☒	☒	1.00	0.155	☒	1.00	0.155	☐	1.0	1.0	0.155	0.155
5129	☒	☒	1.00	0.155	☒	1.00	0.155	☐	1.0	1.0	0.155	0.155
5130	☒	☒	1.00	0.155	☒	1.00	0.155	☐	1.0	1.0	0.155	0.155
5131	☒	☒	1.00	0.155	☒	1.00	0.155	☐	1.0	1.0	0.155	0.155
5132	☒	☒	1.00	0.155	☒	1.00	0.155	☐	1.0	1.0	0.155	0.155
5133	☒	☒	1.00	0.155	☒	1.00	0.155	☐	1.0	1.0	0.155	0.155
5134	☒	☒	1.00	0.155	☒	1.00	0.155	☐	1.0	1.0	0.155	0.155
5135	☒	☒	1.00	0.155	☒	1.00	0.155	☐	1.0	1.0	0.155	0.155
5136	☒	☒	1.00	0.155	☒	1.00	0.155	☐	1.0	1.0	0.155	0.155
5137	☒	☒	1.00	0.155	☒	1.00	0.155	☐	1.0	1.0	0.155	0.155
5138	☒	☒	1.00	0.155	☒	1.00	0.155	☐	1.0	1.0	0.155	0.155
5139	☒	☒	1.00	0.155	☒	1.00	0.155	☐	1.0	1.0	0.155	0.155
5140	☒	☒	1.00	0.155	☒	1.00	0.155	☐	1.0	1.0	0.155	0.155
5141	☒	☒	1.00	0.155	☒	1.00	0.155	☐	1.0	1.0	0.155	0.155
5142	☒	☒	1.00	0.155	☒	1.00	0.155	☐	1.0	1.0	0.155	0.155
5143	☒	☒	1.00	0.155	☒	1.00	0.155	☐	1.0	1.0	0.155	0.155
5144	☒	☒	1.00	0.155	☒	1.00	0.155	☐	1.0	1.0	0.155	0.155
5145	☒	☒	1.00	0.155	☒	1.00	0.155	☐	1.0	1.0	0.155	0.155
5146	☒	☒	1.00	0.155	☒	1.00	0.155	☐	1.0	1.0	0.155	0.155

1.5 EFFECTIVE LENGTHS - MEMBERS

Member	Buckling	Buckling About Axis y			Buckling About Axis z			Lateral-Torsional Buckling				
No.	Possible	Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Possible	k_z	k_w	L_w [m]	L_T [m]
5147	☒	☒	1.00	0.155	☒	1.00	0.155	☐	1.0	1.0	0.155	0.155
5148	☒	☒	1.00	0.155	☒	1.00	0.155	☐	1.0	1.0	0.155	0.155
5149	☒	☒	1.00	0.155	☒	1.00	0.155	☐	1.0	1.0	0.155	0.155
5150	☒	☒	1.00	0.155	☒	1.00	0.155	☐	1.0	1.0	0.155	0.155
5151	☒	☒	1.00	0.155	☒	1.00	0.155	☐	1.0	1.0	0.155	0.155
5152	☒	☒	1.00	0.155	☒	1.00	0.155	☐	1.0	1.0	0.155	0.155
5153	☒	☒	1.00	0.155	☒	1.00	0.155	☐	1.0	1.0	0.155	0.155
5154	☒	☒	1.00	0.155	☒	1.00	0.155	☐	1.0	1.0	0.155	0.155
5155	☒	☒	1.00	0.155	☒	1.00	0.155	☐	1.0	1.0	0.155	0.155
5156	☒	☒	1.00	0.155	☒	1.00	0.155	☐	1.0	1.0	0.155	0.155
5157	☒	☒	1.00	0.155	☒	1.00	0.155	☐	1.0	1.0	0.155	0.155
5158	☒	☒	1.00	0.155	☒	1.00	0.155	☐	1.0	1.0	0.155	0.155
5159	☒	☒	1.00	0.155	☒	1.00	0.155	☐	1.0	1.0	0.155	0.155
5160	☒	☒	1.00	0.155	☒	1.00	0.155	☐	1.0	1.0	0.155	0.155
5161	☒	☒	1.00	0.155	☒	1.00	0.155	☐	1.0	1.0	0.155	0.155
5162	☒	☒	1.00	0.155	☒	1.00	0.155	☐	1.0	1.0	0.155	0.155
5163	☒	☒	1.00	0.155	☒	1.00	0.155	☐	1.0	1.0	0.155	0.155
5164	☒	☒	1.00	0.155	☒	1.00	0.155	☐	1.0	1.0	0.155	0.155
5165	☒	☒	1.00	0.155	☒	1.00	0.155	☐	1.0	1.0	0.155	0.155
5166	☒	☒	1.00	0.155	☒	1.00	0.155	☐	1.0	1.0	0.155	0.155
5167	☒	☒	1.00	0.155	☒	1.00	0.155	☐	1.0	1.0	0.155	0.155
5218	☒	☒	1.00	0.175	☒	1.00	0.175	☐	1.0	1.0	0.175	0.175
5219	☒	☒	1.00	0.175	☒	1.00	0.175	☐	1.0	1.0	0.175	0.175
5220	☒	☒	1.00	0.175	☒	1.00	0.175	☐	1.0	1.0	0.175	0.175
5221	☒	☒	1.00	0.077	☒	1.00	0.077	☐	1.0	1.0	0.077	0.077
5222	☒	☒	1.00	0.175	☒	1.00	0.175	☐	1.0	1.0	0.175	0.175
5223	☒	☒	1.00	0.175	☒	1.00	0.175	☐	1.0	1.0	0.175	0.175
5224	☒	☒	1.00	0.175	☒	1.00	0.175	☐	1.0	1.0	0.175	0.175
5225	☒	☒	1.00	0.077	☒	1.00	0.077	☐	1.0	1.0	0.077	0.077
5226	☒	☒	1.00	0.175	☒	1.00	0.175	☐	1.0	1.0	0.175	0.175
5227	☒	☒	1.00	0.175	☒	1.00	0.175	☐	1.0	1.0	0.175	0.175
5228	☒	☒	1.00	0.175	☒	1.00	0.175	☐	1.0	1.0	0.175	0.175
5229	☒	☒	1.00	0.077	☒	1.00	0.077	☐	1.0	1.0	0.077	0.077
5230	☒	☒	1.00	0.175	☒	1.00	0.175	☐	1.0	1.0	0.175	0.175
5231	☒	☒	1.00	0.175	☒	1.00	0.175	☐	1.0	1.0	0.175	0.175
5232	☒	☒	1.00	0.175	☒	1.00	0.175	☐	1.0	1.0	0.175	0.175
5233	☒	☒	1.00	0.077	☒	1.00	0.077	☐	1.0	1.0	0.077	0.077
5234	☒	☒	1.00	0.175	☒	1.00	0.175	☐	1.0	1.0	0.175	0.175
5235	☒	☒	1.00	0.175	☒	1.00	0.175	☐	1.0	1.0	0.175	0.175
5236	☒	☒	1.00	0.175	☒	1.00	0.175	☐	1.0	1.0	0.175	0.175
5237	☒	☒	1.00	0.077	☒	1.00	0.077	☐	1.0	1.0	0.077	0.077
5417	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
5418	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
5419	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
5420	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
5421	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
5428	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
5429	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
5430	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
5431	☒	☒	1.00	0.250	☒	1.00	0.250	☐	1.0	1.0	0.250	0.250
5441	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
5442	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
5443	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
5444	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
5447	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
5448	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
5449	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
5450	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
5455	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
5456	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
5457	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
5458	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
5463	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
5464	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
5465	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
5466	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
5471	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
5472	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
5473	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
5474	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
5479	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
5480	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
5481	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
5482	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
5487	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
5488	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
5489	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
5490	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
5570	☒	☒	1.00	0.140	☒	1.00	0.140	☐	1.0	1.0	0.140	0.140
5571	☒	☒	1.00	0.140	☒	1.00	0.140	☐	1.0	1.0	0.140	0.140
5572	☒	☒	1.00	0.140	☒	1.00	0.140	☐	1.0	1.0	0.140	0.140
5573	☒	☒	1.00	0.140	☒	1.00	0.140	☐	1.0	1.0	0.140	0.140
5574	☒	☒	1.00	0.140	☒	1.00	0.140	☐	1.0	1.0	0.140	0.140
5575	☒	☒	1.00	0.140	☒	1.00	0.140	☐	1.0	1.0	0.140	0.140
5576	☒	☒	1.00	0.140	☒	1.00	0.140	☐	1.0	1.0	0.140	0.140
5577	☒	☒	1.00	0.140	☒	1.00	0.140	☐	1.0	1.0	0.140	0.140
5578	☒	☒	1.00	0.140	☒	1.00	0.140	☐	1.0	1.0	0.140	0.140
5579	☒	☒	1.00	0.140	☒	1.00	0.140	☐	1.0	1.0	0.140	0.140
5580	☒	☒	1.00	0.140	☒	1.00	0.140	☐	1.0	1.0	0.140	0.140
5581	☒	☒	1.00	0.140	☒	1.00	0.140	☐	1.0	1.0	0.140	0.140
5582	☒	☒	1.00	0.140	☒	1.00	0.140	☐	1.0	1.0	0.140	0.140
5583	☒	☒	1.00	0.140	☒	1.00	0.140	☐	1.0	1.0	0.140	0.140
5585	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
5586	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100

1.5 EFFECTIVE LENGTHS - MEMBERS

Member No.	Buckling Possible	Buckling About Axis y Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Buckling About Axis z Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Lateral-Torsional Buckling Possible	k_z	k_w	L_w [m]	L_T [m]
5588	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
5589	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
5591	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
5592	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
5594	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
5595	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
5597	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
5598	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
5600	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
5601	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
5603	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
5604	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
5639	☒	☒	1.00	0.140	☒	1.00	0.140	☐	1.0	1.0	0.140	0.140
5640	☒	☒	1.00	0.140	☒	1.00	0.140	☐	1.0	1.0	0.140	0.140
5641	☒	☒	1.00	0.140	☒	1.00	0.140	☐	1.0	1.0	0.140	0.140
5642	☒	☒	1.00	0.140	☒	1.00	0.140	☐	1.0	1.0	0.140	0.140
5643	☒	☒	1.00	0.140	☒	1.00	0.140	☐	1.0	1.0	0.140	0.140
5644	☒	☒	1.00	0.140	☒	1.00	0.140	☐	1.0	1.0	0.140	0.140
5645	☒	☒	1.00	0.140	☒	1.00	0.140	☐	1.0	1.0	0.140	0.140
5652	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
5653	☒	☒	1.00	0.460	☒	1.00	0.460	☐	1.0	1.0	0.460	0.460
5654	☒	☒	1.00	0.330	☒	1.00	0.330	☐	1.0	1.0	0.330	0.330
5656	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
5657	☒	☒	1.00	0.460	☒	1.00	0.460	☐	1.0	1.0	0.460	0.460
5658	☒	☒	1.00	0.330	☒	1.00	0.330	☐	1.0	1.0	0.330	0.330
5660	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
5661	☒	☒	1.00	0.460	☒	1.00	0.460	☐	1.0	1.0	0.460	0.460
5662	☒	☒	1.00	0.330	☒	1.00	0.330	☐	1.0	1.0	0.330	0.330
5664	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
5665	☒	☒	1.00	0.460	☒	1.00	0.460	☐	1.0	1.0	0.460	0.460
5666	☒	☒	1.00	0.330	☒	1.00	0.330	☐	1.0	1.0	0.330	0.330
5668	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
5669	☒	☒	1.00	0.460	☒	1.00	0.460	☐	1.0	1.0	0.460	0.460
5670	☒	☒	1.00	0.330	☒	1.00	0.330	☐	1.0	1.0	0.330	0.330
5672	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
5673	☒	☒	1.00	0.460	☒	1.00	0.460	☐	1.0	1.0	0.460	0.460
5674	☒	☒	1.00	0.330	☒	1.00	0.330	☐	1.0	1.0	0.330	0.330
5676	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
5677	☒	☒	1.00	0.460	☒	1.00	0.460	☐	1.0	1.0	0.460	0.460
5678	☒	☒	1.00	0.330	☒	1.00	0.330	☐	1.0	1.0	0.330	0.330
5710	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
5711	☒	☒	1.00	0.460	☒	1.00	0.460	☐	1.0	1.0	0.460	0.460
5712	☒	☒	1.00	0.330	☒	1.00	0.330	☐	1.0	1.0	0.330	0.330
5714	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
5715	☒	☒	1.00	0.460	☒	1.00	0.460	☐	1.0	1.0	0.460	0.460
5716	☒	☒	1.00	0.330	☒	1.00	0.330	☐	1.0	1.0	0.330	0.330
5718	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
5719	☒	☒	1.00	0.460	☒	1.00	0.460	☐	1.0	1.0	0.460	0.460
5720	☒	☒	1.00	0.330	☒	1.00	0.330	☐	1.0	1.0	0.330	0.330
5722	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
5723	☒	☒	1.00	0.460	☒	1.00	0.460	☐	1.0	1.0	0.460	0.460
5724	☒	☒	1.00	0.330	☒	1.00	0.330	☐	1.0	1.0	0.330	0.330
5726	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
5727	☒	☒	1.00	0.460	☒	1.00	0.460	☐	1.0	1.0	0.460	0.460
5728	☒	☒	1.00	0.330	☒	1.00	0.330	☐	1.0	1.0	0.330	0.330
5730	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
5731	☒	☒	1.00	0.460	☒	1.00	0.460	☐	1.0	1.0	0.460	0.460
5732	☒	☒	1.00	0.330	☒	1.00	0.330	☐	1.0	1.0	0.330	0.330
5734	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
5735	☒	☒	1.00	0.460	☒	1.00	0.460	☐	1.0	1.0	0.460	0.460
5736	☒	☒	1.00	0.330	☒	1.00	0.330	☐	1.0	1.0	0.330	0.330
5780	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
5781	☒	☒	1.00	0.460	☒	1.00	0.460	☐	1.0	1.0	0.460	0.460
5782	☒	☒	1.00	0.330	☒	1.00	0.330	☐	1.0	1.0	0.330	0.330
5784	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
5785	☒	☒	1.00	0.460	☒	1.00	0.460	☐	1.0	1.0	0.460	0.460
5786	☒	☒	1.00	0.330	☒	1.00	0.330	☐	1.0	1.0	0.330	0.330
5794	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
5795	☒	☒	1.00	0.460	☒	1.00	0.460	☐	1.0	1.0	0.460	0.460
5796	☒	☒	1.00	0.330	☒	1.00	0.330	☐	1.0	1.0	0.330	0.330
5798	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
5799	☒	☒	1.00	0.460	☒	1.00	0.460	☐	1.0	1.0	0.460	0.460
5800	☒	☒	1.00	0.330	☒	1.00	0.330	☐	1.0	1.0	0.330	0.330
5812	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
5813	☒	☒	1.00	0.460	☒	1.00	0.460	☐	1.0	1.0	0.460	0.460
5814	☒	☒	1.00	0.330	☒	1.00	0.330	☐	1.0	1.0	0.330	0.330
5818	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
5819	☒	☒	1.00	0.460	☒	1.00	0.460	☐	1.0	1.0	0.460	0.460
5820	☒	☒	1.00	0.330	☒	1.00	0.330	☐	1.0	1.0	0.330	0.330
5826	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
5827	☒	☒	1.00	0.460	☒	1.00	0.460	☐	1.0	1.0	0.460	0.460
5828	☒	☒	1.00	0.330	☒	1.00	0.330	☐	1.0	1.0	0.330	0.330
5834	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
5835	☒	☒	1.00	0.460	☒	1.00	0.460	☐	1.0	1.0	0.460	0.460
5836	☒	☒	1.00	0.330	☒	1.00	0.330	☐	1.0	1.0	0.330	0.330
5844	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
5845	☒	☒	1.00	0.460	☒	1.00	0.460	☐	1.0	1.0	0.460	0.460
5846	☒	☒	1.00	0.330	☒	1.00	0.330	☐	1.0	1.0	0.330	0.330
5852	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
5853	☒	☒	1.00	0.460	☒	1.00	0.460	☐	1.0	1.0	0.460	0.460
5854	☒	☒	1.00	0.330	☒	1.00	0.330	☐	1.0	1.0	0.330	0.330
5862	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
5863	☒	☒	1.00	0.460	☒	1.00	0.460	☐	1.0	1.0	0.460	0.460
5864	☒	☒	1.00	0.330	☒	1.00	0.330	☐	1.0	1.0	0.330	0.330

1.5 EFFECTIVE LENGTHS - MEMBERS

Member No.	Buckling Possible	Buckling About Axis y Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Buckling About Axis z Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Lateral-Torsional Buckling Possible	k_z	k_w	L_w [m]	L_T [m]
5868	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
5869	☒	☒	1.00	0.460	☒	1.00	0.460	☐	1.0	1.0	0.460	0.460
5870	☒	☒	1.00	0.330	☒	1.00	0.330	☐	1.0	1.0	0.330	0.330
5875	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
5876	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
5877	☒	☒	1.00	0.460	☒	1.00	0.460	☐	1.0	1.0	0.460	0.460
5878	☒	☒	1.00	0.330	☒	1.00	0.330	☐	1.0	1.0	0.330	0.330
5882	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
5883	☒	☒	1.00	0.460	☒	1.00	0.460	☐	1.0	1.0	0.460	0.460
5884	☒	☒	1.00	0.330	☒	1.00	0.330	☐	1.0	1.0	0.330	0.330
5889	☒	☒	1.00	0.460	☒	1.00	0.460	☐	1.0	1.0	0.460	0.460
5890	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
5891	☒	☒	1.00	0.460	☒	1.00	0.460	☐	1.0	1.0	0.460	0.460
5892	☒	☒	1.00	0.330	☒	1.00	0.330	☐	1.0	1.0	0.330	0.330
5896	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
5897	☒	☒	1.00	0.460	☒	1.00	0.460	☐	1.0	1.0	0.460	0.460
5898	☒	☒	1.00	0.330	☒	1.00	0.330	☐	1.0	1.0	0.330	0.330
5904	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
5905	☒	☒	1.00	0.460	☒	1.00	0.460	☐	1.0	1.0	0.460	0.460
5906	☒	☒	1.00	0.330	☒	1.00	0.330	☐	1.0	1.0	0.330	0.330
5910	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
5911	☒	☒	1.00	0.460	☒	1.00	0.460	☐	1.0	1.0	0.460	0.460
5912	☒	☒	1.00	0.330	☒	1.00	0.330	☐	1.0	1.0	0.330	0.330
5918	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
5919	☒	☒	1.00	0.460	☒	1.00	0.460	☐	1.0	1.0	0.460	0.460
5920	☒	☒	1.00	0.330	☒	1.00	0.330	☐	1.0	1.0	0.330	0.330
5924	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
5925	☒	☒	1.00	0.460	☒	1.00	0.460	☐	1.0	1.0	0.460	0.460
5926	☒	☒	1.00	0.330	☒	1.00	0.330	☐	1.0	1.0	0.330	0.330
6018	☒	☒	1.00	0.330	☒	1.00	0.330	☐	1.0	1.0	0.330	0.330
6020	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
6021	☒	☒	1.00	0.460	☒	1.00	0.460	☐	1.0	1.0	0.460	0.460
6022	☒	☒	1.00	0.330	☒	1.00	0.330	☐	1.0	1.0	0.330	0.330
6030	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
6031	☒	☒	1.00	0.460	☒	1.00	0.460	☐	1.0	1.0	0.460	0.460
6032	☒	☒	1.00	0.330	☒	1.00	0.330	☐	1.0	1.0	0.330	0.330
6034	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
6035	☒	☒	1.00	0.460	☒	1.00	0.460	☐	1.0	1.0	0.460	0.460
6036	☒	☒	1.00	0.330	☒	1.00	0.330	☐	1.0	1.0	0.330	0.330
6048	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
6049	☒	☒	1.00	0.460	☒	1.00	0.460	☐	1.0	1.0	0.460	0.460
6050	☒	☒	1.00	0.330	☒	1.00	0.330	☐	1.0	1.0	0.330	0.330
6054	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
6055	☒	☒	1.00	0.460	☒	1.00	0.460	☐	1.0	1.0	0.460	0.460
6056	☒	☒	1.00	0.330	☒	1.00	0.330	☐	1.0	1.0	0.330	0.330
6062	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
6063	☒	☒	1.00	0.460	☒	1.00	0.460	☐	1.0	1.0	0.460	0.460
6064	☒	☒	1.00	0.330	☒	1.00	0.330	☐	1.0	1.0	0.330	0.330
6070	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
6071	☒	☒	1.00	0.460	☒	1.00	0.460	☐	1.0	1.0	0.460	0.460
6072	☒	☒	1.00	0.330	☒	1.00	0.330	☐	1.0	1.0	0.330	0.330
6080	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
6081	☒	☒	1.00	0.460	☒	1.00	0.460	☐	1.0	1.0	0.460	0.460
6082	☒	☒	1.00	0.330	☒	1.00	0.330	☐	1.0	1.0	0.330	0.330
6088	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
6089	☒	☒	1.00	0.460	☒	1.00	0.460	☐	1.0	1.0	0.460	0.460
6090	☒	☒	1.00	0.330	☒	1.00	0.330	☐	1.0	1.0	0.330	0.330
6098	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
6099	☒	☒	1.00	0.460	☒	1.00	0.460	☐	1.0	1.0	0.460	0.460
6100	☒	☒	1.00	0.330	☒	1.00	0.330	☐	1.0	1.0	0.330	0.330
6104	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
6105	☒	☒	1.00	0.460	☒	1.00	0.460	☐	1.0	1.0	0.460	0.460
6106	☒	☒	1.00	0.330	☒	1.00	0.330	☐	1.0	1.0	0.330	0.330
6111	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
6112	☒	☒	1.00	0.460	☒	1.00	0.460	☐	1.0	1.0	0.460	0.460
6113	☒	☒	1.00	0.330	☒	1.00	0.330	☐	1.0	1.0	0.330	0.330
6117	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
6118	☒	☒	1.00	0.460	☒	1.00	0.460	☐	1.0	1.0	0.460	0.460
6119	☒	☒	1.00	0.330	☒	1.00	0.330	☐	1.0	1.0	0.330	0.330
6124	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
6125	☒	☒	1.00	0.460	☒	1.00	0.460	☐	1.0	1.0	0.460	0.460
6126	☒	☒	1.00	0.330	☒	1.00	0.330	☐	1.0	1.0	0.330	0.330
6130	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
6131	☒	☒	1.00	0.460	☒	1.00	0.460	☐	1.0	1.0	0.460	0.460
6132	☒	☒	1.00	0.330	☒	1.00	0.330	☐	1.0	1.0	0.330	0.330
6138	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
6139	☒	☒	1.00	0.460	☒	1.00	0.460	☐	1.0	1.0	0.460	0.460
6140	☒	☒	1.00	0.330	☒	1.00	0.330	☐	1.0	1.0	0.330	0.330
6144	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
6145	☒	☒	1.00	0.460	☒	1.00	0.460	☐	1.0	1.0	0.460	0.460
6146	☒	☒	1.00	0.330	☒	1.00	0.330	☐	1.0	1.0	0.330	0.330
6152	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
6153	☒	☒	1.00	0.460	☒	1.00	0.460	☐	1.0	1.0	0.460	0.460
6154	☒	☒	1.00	0.330	☒	1.00	0.330	☐	1.0	1.0	0.330	0.330
6158	☒	☒	1.00	0.150	☒	1.00	0.150	☐	1.0	1.0	0.150	0.150
6159	☒	☒	1.00	0.460	☒	1.00	0.460	☐	1.0	1.0	0.460	0.460
6160	☒	☒	1.00	0.330	☒	1.00	0.330	☐	1.0	1.0	0.330	0.330
6252	☒	☒	1.00	0.160	☒	1.00	0.160	☐	1.0	1.0	0.160	0.160
6253	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
6254	☒	☒	1.00	0.240	☒	1.00	0.240	☐	1.0	1.0	0.240	0.240
6257	☒	☒	1.00	0.160	☒	1.00	0.160	☐	1.0	1.0	0.160	0.160
6258	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
6259	☒	☒	1.00	0.240	☒	1.00	0.240	☐	1.0	1.0	0.240	0.240
6262	☒	☒	1.00	0.160	☒	1.00	0.160	☐	1.0	1.0	0.160	0.160

1.5 EFFECTIVE LENGTHS - MEMBERS

Member	Buckling	Buckling About Axis y			Buckling About Axis z			Lateral-Torsional Buckling				
No.	Possible	Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Possible	k_z	k_w	L_w [m]	L_T [m]
6263	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
6264	☒	☒	1.00	0.240	☒	1.00	0.240	☐	1.0	1.0	0.240	0.240
6267	☒	☒	1.00	0.160	☒	1.00	0.160	☐	1.0	1.0	0.160	0.160
6268	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
6269	☒	☒	1.00	0.240	☒	1.00	0.240	☐	1.0	1.0	0.240	0.240
6272	☒	☒	1.00	0.160	☒	1.00	0.160	☐	1.0	1.0	0.160	0.160
6273	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
6274	☒	☒	1.00	0.240	☒	1.00	0.240	☐	1.0	1.0	0.240	0.240
6277	☒	☒	1.00	0.160	☒	1.00	0.160	☐	1.0	1.0	0.160	0.160
6278	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
6279	☒	☒	1.00	0.240	☒	1.00	0.240	☐	1.0	1.0	0.240	0.240
6282	☒	☒	1.00	0.160	☒	1.00	0.160	☐	1.0	1.0	0.160	0.160
6283	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
6284	☒	☒	1.00	0.240	☒	1.00	0.240	☐	1.0	1.0	0.240	0.240
6287	☒	☒	1.00	0.160	☒	1.00	0.160	☐	1.0	1.0	0.160	0.160
6288	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
6289	☒	☒	1.00	0.240	☒	1.00	0.240	☐	1.0	1.0	0.240	0.240
6408	☒	☒	1.00	0.160	☒	1.00	0.160	☐	1.0	1.0	0.160	0.160
6409	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
6410	☒	☒	1.00	0.240	☒	1.00	0.240	☐	1.0	1.0	0.240	0.240
6413	☒	☒	1.00	0.160	☒	1.00	0.160	☐	1.0	1.0	0.160	0.160
6414	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
6415	☒	☒	1.00	0.240	☒	1.00	0.240	☐	1.0	1.0	0.240	0.240
6418	☒	☒	1.00	0.160	☒	1.00	0.160	☐	1.0	1.0	0.160	0.160
6419	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
6420	☒	☒	1.00	0.240	☒	1.00	0.240	☐	1.0	1.0	0.240	0.240
6423	☒	☒	1.00	0.160	☒	1.00	0.160	☐	1.0	1.0	0.160	0.160
6424	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
6425	☒	☒	1.00	0.240	☒	1.00	0.240	☐	1.0	1.0	0.240	0.240
6428	☒	☒	1.00	0.160	☒	1.00	0.160	☐	1.0	1.0	0.160	0.160
6429	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
6430	☒	☒	1.00	0.240	☒	1.00	0.240	☐	1.0	1.0	0.240	0.240
6433	☒	☒	1.00	0.160	☒	1.00	0.160	☐	1.0	1.0	0.160	0.160
6434	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
6435	☒	☒	1.00	0.240	☒	1.00	0.240	☐	1.0	1.0	0.240	0.240
6438	☒	☒	1.00	0.160	☒	1.00	0.160	☐	1.0	1.0	0.160	0.160
6439	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
6440	☒	☒	1.00	0.240	☒	1.00	0.240	☐	1.0	1.0	0.240	0.240
6443	☒	☒	1.00	0.160	☒	1.00	0.160	☐	1.0	1.0	0.160	0.160
6444	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
6445	☒	☒	1.00	0.240	☒	1.00	0.240	☐	1.0	1.0	0.240	0.240
7083	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
7085	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
8548	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
8550	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
8576	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
8584	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
8607	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
8609	☒	☒	1.00	0.100	☒	1.00	0.100	☐	1.0	1.0	0.100	0.100
9259	☒	☒	1.00	0.022	☒	1.00	0.022	☐	1.0	1.0	0.022	0.022
9505	☒	☒	1.00	0.040	☒	1.00	0.040	☐	1.0	1.0	0.040	0.040
9506	☒	☒	1.00	0.040	☒	1.00	0.040	☐	1.0	1.0	0.040	0.040
9507	☒	☒	1.00	0.040	☒	1.00	0.040	☐	1.0	1.0	0.040	0.040
9508	☒	☒	1.00	0.040	☒	1.00	0.040	☐	1.0	1.0	0.040	0.040
9509	☒	☒	1.00	0.040	☒	1.00	0.040	☐	1.0	1.0	0.040	0.040
9510	☒	☒	1.00	0.040	☒	1.00	0.040	☐	1.0	1.0	0.040	0.040
9511	☒	☒	1.00	0.040	☒	1.00	0.040	☐	1.0	1.0	0.040	0.040
9524	☒	☒	1.00	0.040	☒	1.00	0.040	☐	1.0	1.0	0.040	0.040
9627	☒	☒	1.00	0.040	☒	1.00	0.040	☐	1.0	1.0	0.040	0.040
9631	☒	☒	1.00	0.040	☒	1.00	0.040	☐	1.0	1.0	0.040	0.040
9981	☒	☒	1.00	0.270	☒	1.00	0.270	☐	1.0	1.0	0.270	0.270
9982	☒	☒	1.00	0.270	☒	1.00	0.270	☐	1.0	1.0	0.270	0.270
9983	☒	☒	1.00	0.270	☒	1.00	0.270	☐	1.0	1.0	0.270	0.270
9984	☒	☒	1.00	0.120	☒	1.00	0.120	☐	1.0	1.0	0.120	0.120
9985	☒	☒	1.00	0.120	☒	1.00	0.120	☐	1.0	1.0	0.120	0.120
10054	☒	☒	1.00	0.022	☒	1.00	0.022	☐	1.0	1.0	0.022	0.022
10650	☒	☒	1.00	0.022	☒	1.00	0.022	☐	1.0	1.0	0.022	0.022

1.6 EFFECTIVE LENGTHS - SETS OF MEMBERS

Set	Buckling	Buckling About Axis y			Buckling About Axis z			Lateral-Torsional Buckling				
No.	Possible	Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Possible	k_z	k_w	L_w [m]	L_T [m]
1	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
2	☒	☒	1.00	1.850	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
3	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
4	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
5	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
6	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
7	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
8	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
9	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
10	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
11	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
12	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
13	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
14	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
15	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
16	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
17	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
18	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
19	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
20	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050

1.6 EFFECTIVE LENGTHS - SETS OF MEMBERS

Set No.	Buckling Possible	Buckling About Axis y Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Buckling About Axis z Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Lateral-Torsional Buckling Possible	k_z	k_w	L_w [m]	L_T [m]
21	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
22	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
23	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
24	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
25	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
26	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
27	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
28	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
29	☒	☒	1.03	1.410	☒	1.00	1.370	☐	1.0	1.0	1.370	1.370
30	☒	☒	1.03	1.410	☒	1.00	1.370	☐	1.0	1.0	1.370	1.370
31	☒	☒	3.52	1.410	☒	1.00	0.400	☐	1.0	1.0	0.400	0.400
32	☒	☒	3.52	1.410	☒	1.00	0.400	☐	1.0	1.0	0.400	0.400
33	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
34	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
35	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
36	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
37	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
38	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
39	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
40	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
41	☒	☒	0.67	1.410	☒	1.00	2.120	☐	1.0	1.0	2.120	2.120
42	☒	☒	0.67	1.410	☒	1.00	2.120	☐	1.0	1.0	2.120	2.120
43	☒	☒	0.67	1.410	☒	1.00	2.120	☐	1.0	1.0	2.120	2.120
44	☒	☒	0.67	1.410	☒	1.00	2.120	☐	1.0	1.0	2.120	2.120
45	☒	☒	0.67	1.410	☒	1.00	2.120	☐	1.0	1.0	2.120	2.120
46	☒	☒	0.67	1.410	☒	1.00	2.120	☐	1.0	1.0	2.120	2.120
47	☒	☒	0.67	1.410	☒	1.00	2.120	☐	1.0	1.0	2.120	2.120
48	☒	☒	0.67	1.410	☒	1.00	2.120	☐	1.0	1.0	2.120	2.120
49	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
50	☒	☒	1.00	1.850	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
51	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
52	☒	☒	1.00	1.850	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
53	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
54	☒	☒	1.00	1.850	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
55	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
56	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
57	☒	☒	0.67	1.410	☒	1.00	2.120	☐	1.0	1.0	2.120	2.120
58	☒	☒	0.67	1.410	☒	1.00	2.120	☐	1.0	1.0	2.120	2.120
59	☒	☒	0.67	1.410	☒	1.00	2.120	☐	1.0	1.0	2.120	2.120
60	☒	☒	0.67	1.410	☒	1.00	2.120	☐	1.0	1.0	2.120	2.120
61	☒	☒	0.67	1.410	☒	1.00	2.120	☐	1.0	1.0	2.120	2.120
62	☒	☒	0.67	1.410	☒	1.00	2.120	☐	1.0	1.0	2.120	2.120
63	☒	☒	0.67	1.410	☒	1.00	2.120	☐	1.0	1.0	2.120	2.120
64	☒	☒	0.67	1.410	☒	1.00	2.120	☐	1.0	1.0	2.120	2.120
65	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
66	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
67	☒	☒	0.67	1.410	☒	1.00	2.120	☐	1.0	1.0	2.120	2.120
68	☒	☒	0.67	1.410	☒	1.00	2.120	☐	1.0	1.0	2.120	2.120
69	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
70	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
71	☒	☒	0.67	1.410	☒	1.00	2.120	☐	1.0	1.0	2.120	2.120
72	☒	☒	0.67	1.410	☒	1.00	2.120	☐	1.0	1.0	2.120	2.120
73	☒	☒	0.74	1.410	☒	1.00	1.900	☐	1.0	1.0	1.900	1.900
74	☒	☒	0.74	1.410	☒	1.00	1.900	☐	1.0	1.0	1.900	1.900
75	☒	☒	1.00	1.900	☒	1.00	1.900	☐	1.0	1.0	1.900	1.900
76	☒	☒	0.74	1.410	☒	1.00	1.900	☐	1.0	1.0	1.900	1.900
77	☒	☒	0.74	1.410	☒	1.00	1.900	☐	1.0	1.0	1.900	1.900
78	☒	☒	0.74	1.410	☒	1.00	1.900	☐	1.0	1.0	1.900	1.900
79	☒	☒	0.74	1.410	☒	1.00	1.900	☐	1.0	1.0	1.900	1.900
80	☒	☒	0.74	1.410	☒	1.00	1.900	☐	1.0	1.0	1.900	1.900
81	☒	☒	0.74	1.410	☒	1.00	1.900	☐	1.0	1.0	1.900	1.900
82	☒	☒	0.74	1.410	☒	1.00	1.900	☐	1.0	1.0	1.900	1.900
83	☒	☒	0.74	1.410	☒	1.00	1.900	☐	1.0	1.0	1.900	1.900
84	☒	☒	0.74	1.410	☒	1.00	1.900	☐	1.0	1.0	1.900	1.900
85	☒	☒	0.74	1.410	☒	1.00	1.900	☐	1.0	1.0	1.900	1.900
86	☒	☒	0.74	1.410	☒	1.00	1.900	☐	1.0	1.0	1.900	1.900
87	☒	☒	1.00	1.460	☒	1.00	1.460	☐	1.0	1.0	1.460	1.460
88	☒	☒	1.00	1.460	☒	1.00	1.460	☐	1.0	1.0	1.460	1.460
89	☒	☒	1.00	0.930	☒	1.00	0.930	☐	1.0	1.0	0.930	0.930
90	☒	☒	1.52	1.410	☒	1.00	0.930	☐	1.0	1.0	0.930	0.930
91	☒	☒	1.08	1.410	☒	1.00	1.300	☐	1.0	1.0	1.300	1.300
92	☒	☒	1.08	1.410	☒	1.00	1.300	☐	1.0	1.0	1.300	1.300
93	☒	☒	1.08	1.410	☒	1.00	1.300	☐	1.0	1.0	1.300	1.300
94	☒	☒	1.08	1.410	☒	1.00	1.300	☐	1.0	1.0	1.300	1.300
95	☒	☒	1.08	1.410	☒	1.00	1.300	☐	1.0	1.0	1.300	1.300
96	☒	☒	1.08	1.410	☒	1.00	1.300	☐	1.0	1.0	1.300	1.300
97	☒	☒	1.08	1.410	☒	1.00	1.300	☐	1.0	1.0	1.300	1.300
98	☒	☒	1.08	1.410	☒	1.00	1.300	☐	1.0	1.0	1.300	1.300
99	☒	☒	1.08	1.410	☒	1.00	1.300	☐	1.0	1.0	1.300	1.300
100	☒	☒	1.08	1.410	☒	1.00	1.300	☐	1.0	1.0	1.300	1.300
101	☒	☒	1.08	1.410	☒	1.00	1.300	☐	1.0	1.0	1.300	1.300
102	☒	☒	1.08	1.410	☒	1.00	1.300	☐	1.0	1.0	1.300	1.300
103	☒	☒	1.08	1.410	☒	1.00	1.300	☐	1.0	1.0	1.300	1.300
104	☒	☒	1.08	1.410	☒	1.00	1.300	☐	1.0	1.0	1.300	1.300
105	☒	☒	1.08	1.410	☒	1.00	1.300	☐	1.0	1.0	1.300	1.300
106	☒	☒	1.08	1.410	☒	1.00	1.300	☐	1.0	1.0	1.300	1.300
107	☒	☒	1.08	1.410	☒	1.00	1.300	☐	1.0	1.0	1.300	1.300
108	☒	☒	1.08	1.410	☒	1.00	1.300	☐	1.0	1.0	1.300	1.300
109	☒	☒	0.74	1.410	☒	1.00	1.900	☐	1.0	1.0	1.900	1.900
110	☒	☒	0.74	1.410	☒	1.00	1.900	☐	1.0	1.0	1.900	1.900
111	☒	☒	0.74	1.410	☒	1.00	1.900	☐	1.0	1.0	1.900	1.900
112	☒	☒	0.74	1.410	☒	1.00	1.900	☐	1.0	1.0	1.900	1.900
113	☒	☒	0.74	1.410	☒	1.00	1.900	☐	1.0	1.0	1.900	1.900
114	☒	☒	0.74	1.410	☒	1.00	1.900	☐	1.0	1.0	1.900	1.900

1.6 EFFECTIVE LENGTHS - SETS OF MEMBERS

Set No.	Buckling Possible	Buckling About Axis y			Buckling About Axis z			Lateral-Torsional Buckling				
		Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Possible	k_z	k_w	L_w [m]	L_T [m]
115	☒	☒	0.74	1.410	☒	1.00	1.900	☐	1.0	1.0	1.900	1.900
116	☒	☒	0.74	1.410	☒	1.00	1.900	☐	1.0	1.0	1.900	1.900
117	☒	☒	0.74	1.410	☒	1.00	1.900	☐	1.0	1.0	1.900	1.900
118	☒	☒	0.74	1.410	☒	1.00	1.900	☐	1.0	1.0	1.900	1.900
119	☒	☒	1.00	1.900	☒	1.00	1.900	☐	1.0	1.0	1.900	1.900
120	☒	☒	1.00	1.900	☒	1.00	1.900	☐	1.0	1.0	1.900	1.900
121	☒	☒	1.08	1.410	☒	1.00	1.300	☐	1.0	1.0	1.300	1.300
122	☒	☒	1.08	1.410	☒	1.00	1.300	☐	1.0	1.0	1.300	1.300
123	☒	☒	1.08	1.410	☒	1.00	1.300	☐	1.0	1.0	1.300	1.300
124	☒	☒	1.08	1.410	☒	1.00	1.300	☐	1.0	1.0	1.300	1.300
125	☒	☒	1.08	1.410	☒	1.00	1.300	☐	1.0	1.0	1.300	1.300
126	☒	☒	1.08	1.410	☒	1.00	1.300	☐	1.0	1.0	1.300	1.300
127	☒	☒	1.08	1.410	☒	1.00	1.300	☐	1.0	1.0	1.300	1.300
128	☒	☒	1.08	1.410	☒	1.00	1.300	☐	1.0	1.0	1.300	1.300
129	☒	☒	1.08	1.410	☒	1.00	1.300	☐	1.0	1.0	1.300	1.300
130	☒	☒	1.08	1.410	☒	1.00	1.300	☐	1.0	1.0	1.300	1.300
131	☒	☒	1.00	1.300	☒	1.00	1.300	☐	1.0	1.0	1.300	1.300
132	☒	☒	1.00	1.300	☒	1.00	1.300	☐	1.0	1.0	1.300	1.300
133	☒	☒	0.74	1.410	☒	1.00	1.900	☐	1.0	1.0	1.900	1.900
134	☒	☒	1.00	1.900	☒	1.00	1.900	☐	1.0	1.0	1.900	1.900
135	☒	☒	0.74	1.410	☒	1.00	1.900	☐	1.0	1.0	1.900	1.900
136	☒	☒	1.00	1.900	☒	1.00	1.900	☐	1.0	1.0	1.900	1.900
137	☒	☒	0.74	1.410	☒	1.00	1.900	☐	1.0	1.0	1.900	1.900
138	☒	☒	0.74	1.410	☒	1.00	1.900	☐	1.0	1.0	1.900	1.900
139	☒	☒	0.74	1.410	☒	1.00	1.900	☐	1.0	1.0	1.900	1.900
140	☒	☒	0.74	1.410	☒	1.00	1.900	☐	1.0	1.0	1.900	1.900
141	☒	☒	0.74	1.410	☒	1.00	1.900	☐	1.0	1.0	1.900	1.900
142	☒	☒	0.74	1.410	☒	1.00	1.900	☐	1.0	1.0	1.900	1.900
143	☒	☒	1.00	1.900	☒	1.00	1.900	☐	1.0	1.0	1.900	1.900
144	☒	☒	1.00	1.900	☒	1.00	1.900	☐	1.0	1.0	1.900	1.900
145	☒	☒	1.08	1.410	☒	1.00	1.300	☐	1.0	1.0	1.300	1.300
146	☒	☒	1.08	1.410	☒	1.00	1.300	☐	1.0	1.0	1.300	1.300
147	☒	☒	1.08	1.410	☒	1.00	1.300	☐	1.0	1.0	1.300	1.300
148	☒	☒	1.08	1.410	☒	1.00	1.300	☐	1.0	1.0	1.300	1.300
149	☒	☒	1.08	1.410	☒	1.00	1.300	☐	1.0	1.0	1.300	1.300
150	☒	☒	1.08	1.410	☒	1.00	1.300	☐	1.0	1.0	1.300	1.300
151	☒	☒	1.08	1.410	☒	1.00	1.300	☐	1.0	1.0	1.300	1.300
152	☒	☒	1.08	1.410	☒	1.00	1.300	☐	1.0	1.0	1.300	1.300
153	☒	☒	1.08	1.410	☒	1.00	1.300	☐	1.0	1.0	1.300	1.300
154	☒	☒	1.08	1.410	☒	1.00	1.300	☐	1.0	1.0	1.300	1.300
155	☒	☒	1.00	1.300	☒	1.00	1.300	☐	1.0	1.0	1.300	1.300
156	☒	☒	1.00	1.300	☒	1.00	1.300	☐	1.0	1.0	1.300	1.300
157	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
158	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
159	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
160	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
161	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
162	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
163	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
164	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
165	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
166	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
167	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
168	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
169	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
170	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
171	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
172	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
173	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
174	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
175	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
176	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
177	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
178	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
179	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
180	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
181	☒	☒	0.51	1.410	☒	1.00	2.780	☐	1.0	1.0	2.780	2.780
182	☒	☒	0.51	1.410	☒	1.00	2.780	☐	1.0	1.0	2.780	2.780
183	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
184	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
185	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
186	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
187	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
188	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
189	☒	☒	0.37	1.410	☒	1.00	3.770	☐	1.0	1.0	3.770	3.770
190	☒	☒	0.37	1.410	☒	1.00	3.770	☐	1.0	1.0	3.770	3.770
191	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
192	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
193	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
194	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
195	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
196	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
197	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
198	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
199	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
200	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
201	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
202	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
203	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
204	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
205	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
206	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
207	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
208	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050

1.6 EFFECTIVE LENGTHS - SETS OF MEMBERS

Set No.	Buckling Possible	Buckling About Axis y Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Buckling About Axis z Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Lateral-Torsional Buckling Possible	k_z	k_w	L_w [m]	L_T [m]
209	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
210	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
211	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
212	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
213	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
214	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
215	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
216	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
217	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
218	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
219	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
220	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
221	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
222	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
223	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
224	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
225	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
226	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
227	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
228	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
229	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
230	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
231	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
232	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
233	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
234	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
235	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
236	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
237	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
238	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
239	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
240	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
241	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
242	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
243	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
244	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
245	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
246	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
247	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
248	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
249	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
250	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
251	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
252	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
253	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
254	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
255	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
256	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
257	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
258	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
259	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
260	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
261	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
262	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
263	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
264	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
265	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
266	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
267	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
268	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
269	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
270	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
271	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
272	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
273	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
274	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
275	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
276	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
277	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
278	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
279	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
280	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
281	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
282	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
283	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
284	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
285	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
286	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
287	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
288	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
289	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
290	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
291	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
292	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
293	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
294	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
295	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
296	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
297	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
298	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
299	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
300	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
301	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
302	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850

1.6 EFFECTIVE LENGTHS - SETS OF MEMBERS

Set No.	Buckling Possible	Buckling About Axis y Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Buckling About Axis z Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Lateral-Torsional Buckling Possible	k_z	k_w	L_w [m]	L_T [m]
303	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
304	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
305	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
306	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
307	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
308	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
309	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
310	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
311	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
312	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
313	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
314	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
315	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
316	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
317	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
318	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
319	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
320	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
321	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
322	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
323	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
324	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
325	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
326	☒	☒	1.00	1.850	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
327	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
328	☒	☒	1.00	2.050	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
329	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
330	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
331	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
332	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
333	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
334	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
335	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
336	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
337	☒	☒	1.00	1.850	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
338	☒	☒	1.00	1.850	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
339	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
340	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
341	☒	☒	0.74	1.410	☒	1.00	1.900	☐	1.0	1.0	1.900	1.900
342	☒	☒	1.00	1.900	☒	1.00	1.900	☐	1.0	1.0	1.900	1.900
343	☒	☒	0.61	1.410	☒	1.00	2.300	☐	1.0	1.0	2.300	2.300
344	☒	☒	0.61	1.410	☒	1.00	2.300	☐	1.0	1.0	2.300	2.300
345	☒	☒	0.61	1.410	☒	1.00	2.300	☐	1.0	1.0	2.300	2.300
347	☒	☒	0.61	1.410	☒	1.00	2.300	☐	1.0	1.0	2.300	2.300
349	☒	☒	0.61	1.410	☒	1.00	2.300	☐	1.0	1.0	2.300	2.300
351	☒	☒	0.61	1.410	☒	1.00	2.300	☐	1.0	1.0	2.300	2.300
352	☒	☒	0.61	1.410	☒	1.00	2.300	☐	1.0	1.0	2.300	2.300
353	☒	☒	0.61	1.410	☒	1.00	2.300	☐	1.0	1.0	2.300	2.300
354	☒	☒	0.61	1.410	☒	1.00	2.300	☐	1.0	1.0	2.300	2.300
355	☒	☒	0.61	1.410	☒	1.00	2.300	☐	1.0	1.0	2.300	2.300
356	☒	☒	0.61	1.410	☒	1.00	2.300	☐	1.0	1.0	2.300	2.300
357	☒	☒	0.61	1.410	☒	1.00	2.300	☐	1.0	1.0	2.300	2.300
358	☒	☒	0.61	1.410	☒	1.00	2.300	☐	1.0	1.0	2.300	2.300
359	☒	☒	1.00	1.900	☒	1.00	1.900	☐	1.0	1.0	1.900	1.900
360	☒	☒	1.00	1.900	☒	1.00	1.900	☐	1.0	1.0	1.900	1.900
361	☒	☒	0.74	1.410	☒	1.00	1.900	☐	1.0	1.0	1.900	1.900
362	☒	☒	0.74	1.410	☒	1.00	1.900	☐	1.0	1.0	1.900	1.900
363	☒	☒	0.74	1.410	☒	1.00	1.900	☐	1.0	1.0	1.900	1.900
366	☒	☒	1.08	1.410	☒	1.00	1.300	☐	1.0	1.0	1.300	1.300
367	☒	☒	1.08	1.410	☒	1.00	1.300	☐	1.0	1.0	1.300	1.300
368	☒	☒	1.08	1.410	☒	1.00	1.300	☐	1.0	1.0	1.300	1.300
369	☒	☒	1.08	1.410	☒	1.00	1.300	☐	1.0	1.0	1.300	1.300
370	☒	☒	1.08	1.410	☒	1.00	1.300	☐	1.0	1.0	1.300	1.300
371	☒	☒	1.08	1.410	☒	1.00	1.300	☐	1.0	1.0	1.300	1.300
372	☒	☒	1.08	1.410	☒	1.00	1.300	☐	1.0	1.0	1.300	1.300
373	☒	☒	1.08	1.410	☒	1.00	1.300	☐	1.0	1.0	1.300	1.300
374	☒	☒	1.08	1.410	☒	1.00	1.300	☐	1.0	1.0	1.300	1.300
375	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
376	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
377	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
378	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
379	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
380	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
381	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
382	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
383	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
384	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
385	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
386	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
387	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
388	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
389	☒	☒	1.00	1.850	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
390	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
391	☒	☒	1.00	1.850	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
392	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
393	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
394	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
395	☒	☒	0.76	1.410	☒	1.00	1.850	☐	1.0	1.0	1.850	1.850
396	☒	☒	0.69	1.410	☒	1.00	2.050	☐	1.0	1.0	2.050	2.050
397	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
398	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
399	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
400	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
401	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200

1.6 EFFECTIVE LENGTHS - SETS OF MEMBERS

Set No.	Buckling Possible	Buckling About Axis y Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Buckling About Axis z Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Lateral-Torsional Buckling Possible	k_z	k_w	L_w [m]	L_T [m]
402	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
403	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
404	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
405	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
406	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
407	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
408	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
409	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
410	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
411	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
412	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
413	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
414	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
415	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
416	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
417	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
418	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
419	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
420	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
421	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
422	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
423	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
424	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
425	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
426	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
427	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
428	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
429	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
430	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
431	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
432	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
433	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
434	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
435	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
436	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
437	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
438	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
439	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
440	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
441	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
442	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
443	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
444	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
445	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
446	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
447	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
448	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
449	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
450	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
451	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
452	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
453	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
454	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
455	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
456	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
457	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
458	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
459	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
460	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
461	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
462	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
463	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
464	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
465	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
466	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
467	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
468	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
469	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
470	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
471	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
472	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
473	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
474	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
475	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
476	☒	☒	1.00	1.800	☒	1.00	1.800	☐	1.0	1.0	1.800	1.800
477	☒	☒	1.00	1.800	☒	1.00	1.800	☐	1.0	1.0	1.800	1.800
478	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
479	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
480	☒	☒	1.00	1.800	☒	1.00	1.800	☐	1.0	1.0	1.800	1.800
481	☒	☒	1.00	1.800	☒	1.00	1.800	☐	1.0	1.0	1.800	1.800
482	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
483	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
484	☒	☒	1.00	1.800	☒	1.00	1.800	☐	1.0	1.0	1.800	1.800
485	☒	☒	1.00	1.800	☒	1.00	1.800	☐	1.0	1.0	1.800	1.800
486	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
487	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
488	☒	☒	1.00	1.800	☒	1.00	1.800	☐	1.0	1.0	1.800	1.800
489	☒	☒	1.00	1.800	☒	1.00	1.800	☐	1.0	1.0	1.800	1.800
490	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
491	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
492	☒	☒	1.00	1.800	☒	1.00	1.800	☐	1.0	1.0	1.800	1.800
493	☒	☒	1.00	1.800	☒	1.00	1.800	☐	1.0	1.0	1.800	1.800
494	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
495	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200

1.6 EFFECTIVE LENGTHS - SETS OF MEMBERS

Set No.	Buckling Possible	Buckling About Axis y Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Buckling About Axis z Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Lateral-Torsional Buckling Possible	k_z	k_w	L_w [m]	L_T [m]
497	☒	☒	1.00	1.800	☒	1.00	1.800	☐	1.0	1.0	1.800	1.800
498	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
499	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
501	☒	☒	1.00	1.800	☒	1.00	1.800	☐	1.0	1.0	1.800	1.800
502	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
503	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
504	☒	☒	1.00	1.800	☒	1.00	1.800	☐	1.0	1.0	1.800	1.800
505	☒	☒	1.00	1.800	☒	1.00	1.800	☐	1.0	1.0	1.800	1.800
506	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
507	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
508	☒	☒	1.00	1.800	☒	1.00	1.800	☐	1.0	1.0	1.800	1.800
509	☒	☒	1.00	1.800	☒	1.00	1.800	☐	1.0	1.0	1.800	1.800
510	☒	☒	1.00	1.800	☒	1.00	1.800	☐	1.0	1.0	1.800	1.800
511	☒	☒	1.00	1.800	☒	1.00	1.800	☐	1.0	1.0	1.800	1.800
512	☒	☒	1.00	1.800	☒	1.00	1.800	☐	1.0	1.0	1.800	1.800
513	☒	☒	1.00	1.800	☒	1.00	1.800	☐	1.0	1.0	1.800	1.800
514	☒	☒	1.00	1.800	☒	1.00	1.800	☐	1.0	1.0	1.800	1.800
515	☒	☒	1.00	1.800	☒	1.00	1.800	☐	1.0	1.0	1.800	1.800
516	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
517	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
518	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
519	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
520	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
521	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
522	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
523	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
644	☒	☒	1.00	1.080	☒	1.00	1.080	☐	1.0	1.0	1.080	1.080
645	☒	☒	1.00	2.000	☒	1.00	2.000	☐	1.0	1.0	2.000	2.000
646	☒	☒	1.00	1.340	☒	1.00	1.340	☐	1.0	1.0	1.340	1.340
647	☒	☒	1.00	2.000	☒	1.00	2.000	☐	1.0	1.0	2.000	2.000
648	☒	☒	1.00	2.000	☒	1.00	2.000	☐	1.0	1.0	2.000	2.000
649	☒	☒	1.00	2.000	☒	1.00	2.000	☐	1.0	1.0	2.000	2.000
650	☒	☒	1.00	2.000	☒	1.00	2.000	☐	1.0	1.0	2.000	2.000
651	☒	☒	1.00	1.080	☒	1.00	1.080	☐	1.0	1.0	1.080	1.080
652	☒	☒	1.00	2.000	☒	1.00	2.000	☐	1.0	1.0	2.000	2.000
653	☒	☒	1.00	1.340	☒	1.00	1.340	☐	1.0	1.0	1.340	1.340
654	☒	☒	1.00	2.000	☒	1.00	2.000	☐	1.0	1.0	2.000	2.000
655	☒	☒	1.00	2.000	☒	1.00	2.000	☐	1.0	1.0	2.000	2.000
656	☒	☒	1.00	2.000	☒	1.00	2.000	☐	1.0	1.0	2.000	2.000
657	☒	☒	1.00	2.000	☒	1.00	2.000	☐	1.0	1.0	2.000	2.000
658	☒	☒	1.00	1.080	☒	1.00	1.080	☐	1.0	1.0	1.080	1.080
659	☒	☒	1.00	2.000	☒	1.00	2.000	☐	1.0	1.0	2.000	2.000
660	☒	☒	1.00	1.340	☒	1.00	1.340	☐	1.0	1.0	1.340	1.340
661	☒	☒	1.00	2.000	☒	1.00	2.000	☐	1.0	1.0	2.000	2.000
662	☒	☒	1.00	2.000	☒	1.00	2.000	☐	1.0	1.0	2.000	2.000
663	☒	☒	1.00	2.000	☒	1.00	2.000	☐	1.0	1.0	2.000	2.000
664	☒	☒	1.00	2.000	☒	1.00	2.000	☐	1.0	1.0	2.000	2.000
665	☒	☒	1.00	1.080	☒	1.00	1.080	☐	1.0	1.0	1.080	1.080
666	☒	☒	1.00	2.000	☒	1.00	2.000	☐	1.0	1.0	2.000	2.000
667	☒	☒	1.00	1.340	☒	1.00	1.340	☐	1.0	1.0	1.340	1.340
668	☒	☒	1.00	2.000	☒	1.00	2.000	☐	1.0	1.0	2.000	2.000
669	☒	☒	1.00	2.000	☒	1.00	2.000	☐	1.0	1.0	2.000	2.000
670	☒	☒	1.00	2.000	☒	1.00	2.000	☐	1.0	1.0	2.000	2.000
671	☒	☒	1.00	2.000	☒	1.00	2.000	☐	1.0	1.0	2.000	2.000
672	☒	☒	1.00	1.080	☒	1.00	1.080	☐	1.0	1.0	1.080	1.080
673	☒	☒	1.00	2.000	☒	1.00	2.000	☐	1.0	1.0	2.000	2.000
674	☒	☒	1.00	1.340	☒	1.00	1.340	☐	1.0	1.0	1.340	1.340
675	☒	☒	1.00	2.000	☒	1.00	2.000	☐	1.0	1.0	2.000	2.000
676	☒	☒	1.00	2.000	☒	1.00	2.000	☐	1.0	1.0	2.000	2.000
677	☒	☒	1.00	2.000	☒	1.00	2.000	☐	1.0	1.0	2.000	2.000
678	☒	☒	1.00	2.000	☒	1.00	2.000	☐	1.0	1.0	2.000	2.000
679	☒	☒	1.00	1.080	☒	1.00	1.080	☐	1.0	1.0	1.080	1.080
680	☒	☒	1.00	2.000	☒	1.00	2.000	☐	1.0	1.0	2.000	2.000
681	☒	☒	1.00	1.340	☒	1.00	1.340	☐	1.0	1.0	1.340	1.340
682	☒	☒	1.00	2.000	☒	1.00	2.000	☐	1.0	1.0	2.000	2.000
683	☒	☒	1.00	2.000	☒	1.00	2.000	☐	1.0	1.0	2.000	2.000
684	☒	☒	1.00	2.000	☒	1.00	2.000	☐	1.0	1.0	2.000	2.000
685	☒	☒	1.00	2.000	☒	1.00	2.000	☐	1.0	1.0	2.000	2.000
686	☒	☒	1.00	1.080	☒	1.00	1.080	☐	1.0	1.0	1.080	1.080
687	☒	☒	1.00	2.000	☒	1.00	2.000	☐	1.0	1.0	2.000	2.000
688	☒	☒	1.00	1.340	☒	1.00	1.340	☐	1.0	1.0	1.340	1.340
689	☒	☒	1.00	2.000	☒	1.00	2.000	☐	1.0	1.0	2.000	2.000
690	☒	☒	1.00	2.000	☒	1.00	2.000	☐	1.0	1.0	2.000	2.000
691	☒	☒	1.00	2.000	☒	1.00	2.000	☐	1.0	1.0	2.000	2.000
692	☒	☒	1.00	2.000	☒	1.00	2.000	☐	1.0	1.0	2.000	2.000
693	☒	☒	1.00	1.080	☒	1.00	1.080	☐	1.0	1.0	1.080	1.080
694	☒	☒	1.00	2.000	☒	1.00	2.000	☐	1.0	1.0	2.000	2.000
695	☒	☒	1.00	1.340	☒	1.00	1.340	☐	1.0	1.0	1.340	1.340
696	☒	☒	1.00	2.000	☒	1.00	2.000	☐	1.0	1.0	2.000	2.000
697	☒	☒	1.00	2.000	☒	1.00	2.000	☐	1.0	1.0	2.000	2.000
698	☒	☒	1.00	2.000	☒	1.00	2.000	☐	1.0	1.0	2.000	2.000
699	☒	☒	1.00	2.000	☒	1.00	2.000	☐	1.0	1.0	2.000	2.000
700	☒	☒	1.00	1.080	☒	1.00	1.080	☐	1.0	1.0	1.080	1.080
701	☒	☒	1.00	2.000	☒	1.00	2.000	☐	1.0	1.0	2.000	2.000
702	☒	☒	1.00	1.340	☒	1.00	1.340	☐	1.0	1.0	1.340	1.340
703	☒	☒	1.00	2.000	☒	1.00	2.000	☐	1.0	1.0	2.000	2.000
704	☒	☒	1.00	2.000	☒	1.00	2.000	☐	1.0	1.0	2.000	2.000
705	☒	☒	1.00	2.000	☒	1.00	2.000	☐	1.0	1.0	2.000	2.000
706	☒	☒	1.00	2.000	☒	1.00	2.000	☐	1.0	1.0	2.000	2.000
707	☒	☒	1.00	1.080	☒	1.00	1.080	☐	1.0	1.0	1.080	1.080
708	☒	☒	1.00	2.000	☒	1.00	2.000	☐	1.0	1.0	2.000	2.000
709	☒	☒	1.00	1.340	☒	1.00	1.340	☐	1.0	1.0	1.340	1.340
710	☒	☒	1.00	2.000	☒	1.00	2.000	☐	1.0	1.0	2.000	2.000
711	☒	☒	1.00	2.000	☒	1.00	2.000	☐	1.0	1.0	2.000	2.000

1.6 EFFECTIVE LENGTHS - SETS OF MEMBERS

Set No.	Buckling Possible	Buckling About Axis y Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Buckling About Axis z Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Lateral-Torsional Buckling Possible	k_z	k_w	L_w [m]	L_T [m]
712	☒	☒	1.00	2.000	☒	1.00	2.000	☐	1.0	1.0	2.000	2.000
713	☒	☒	1.00	2.000	☒	1.00	2.000	☐	1.0	1.0	2.000	2.000

1.9 SERVICEABILITY DATA

No.	Reference to	Members/Sets No.	Reference Length Manually	Reference Length l [m]	Direct.	Precamber e_0 [mm]	Beam Type
1	List of Members	1	☐	1.850	y, z	0.0	Cantilever End Free
2	List of Members	2	☐	1.850	y, z	0.0	Cantilever End Free
3	List of Members	3	☐	1.850	y, z	0.0	Cantilever End Free
4	List of Members	4	☐	1.850	y, z	0.0	Cantilever End Free
5	List of Members	5	☐	1.850	y, z	0.0	Cantilever End Free
6	List of Members	6	☐	1.850	y, z	0.0	Cantilever End Free
7	List of Members	7	☐	1.850	y, z	0.0	Cantilever End Free
8	List of Members	8	☐	1.850	y, z	0.0	Cantilever End Free
9	List of Members	9	☐	1.850	y, z	0.0	Cantilever End Free
10	List of Members	10	☐	1.850	y, z	0.0	Cantilever End Free
11	List of Members	11	☐	1.850	y, z	0.0	Cantilever End Free
12	List of Members	12	☐	1.850	y, z	0.0	Cantilever End Free
13	List of Members	13	☐	1.850	y, z	0.0	Cantilever End Free
14	List of Members	14	☐	1.850	y, z	0.0	Cantilever End Free
15	List of Members	15	☐	1.850	y, z	0.0	Cantilever End Free
16	List of Members	16	☐	1.850	y, z	0.0	Cantilever End Free
17	List of Members	17	☐	2.050	y, z	0.0	Cantilever End Free
18	List of Members	18	☐	2.050	y, z	0.0	Cantilever End Free
19	List of Members	19	☐	2.050	y, z	0.0	Cantilever End Free
20	List of Members	20	☐	2.050	y, z	0.0	Cantilever End Free
21	List of Members	21	☐	2.050	y, z	0.0	Cantilever End Free
22	List of Members	22	☐	2.050	y, z	0.0	Cantilever End Free
23	List of Members	23	☐	2.050	y, z	0.0	Cantilever End Free
24	List of Members	24	☐	2.050	y, z	0.0	Cantilever End Free
25	List of Members	25	☐	2.050	y, z	0.0	Cantilever End Free
26	List of Members	26	☐	2.050	y, z	0.0	Cantilever End Free
27	List of Members	27	☐	2.050	y, z	0.0	Cantilever End Free
28	List of Members	28	☐	2.050	y, z	0.0	Cantilever End Free
29	List of Members	29	☐	1.370	y, z	0.0	Cantilever End Free
30	List of Members	30	☐	1.370	y, z	0.0	Cantilever End Free
31	List of Members	31	☐	0.400	y, z	0.0	Cantilever End Free
32	List of Members	32	☐	0.400	y, z	0.0	Cantilever End Free
33	List of Members	33	☐	1.850	y, z	0.0	Cantilever End Free
34	List of Members	34	☐	1.850	y, z	0.0	Cantilever End Free
35	List of Members	35	☐	1.850	y, z	0.0	Cantilever End Free
36	List of Members	36	☐	1.850	y, z	0.0	Cantilever End Free
37	List of Members	37	☐	1.850	y, z	0.0	Cantilever End Free
38	List of Members	38	☐	1.850	y, z	0.0	Cantilever End Free
39	List of Members	39	☐	1.850	y, z	0.0	Cantilever End Free
40	List of Members	40	☐	1.850	y, z	0.0	Cantilever End Free
41	List of Members	41	☐	2.120	y, z	0.0	Cantilever End Free
42	List of Members	42	☐	2.120	y, z	0.0	Cantilever End Free
43	List of Members	43	☐	2.120	y, z	0.0	Cantilever End Free
44	List of Members	44	☐	2.120	y, z	0.0	Cantilever End Free
45	List of Members	45	☐	2.120	y, z	0.0	Cantilever End Free
46	List of Members	46	☐	2.120	y, z	0.0	Cantilever End Free
47	List of Members	47	☐	2.120	y, z	0.0	Cantilever End Free
48	List of Members	48	☐	2.120	y, z	0.0	Cantilever End Free
49	List of Members	49	☐	1.850	y, z	0.0	Cantilever End Free
50	List of Members	50	☐	1.850	y, z	0.0	Cantilever End Free
51	List of Members	51	☐	1.850	y, z	0.0	Cantilever End Free
52	List of Members	52	☐	1.850	y, z	0.0	Cantilever End Free
53	List of Members	53	☐	1.850	y, z	0.0	Cantilever End Free
54	List of Members	54	☐	1.850	y, z	0.0	Cantilever End Free
55	List of Members	55	☐	1.850	y, z	0.0	Cantilever End Free
56	List of Members	56	☐	1.850	y, z	0.0	Cantilever End Free
57	List of Members	57	☐	2.120	y, z	0.0	Cantilever End Free
58	List of Members	58	☐	2.120	y, z	0.0	Cantilever End Free
59	List of Members	59	☐	2.120	y, z	0.0	Cantilever End Free
60	List of Members	60	☐	2.120	y, z	0.0	Cantilever End Free
61	List of Members	61	☐	2.120	y, z	0.0	Cantilever End Free
62	List of Members	62	☐	2.120	y, z	0.0	Cantilever End Free
63	List of Members	63	☐	2.120	y, z	0.0	Cantilever End Free
64	List of Members	64	☐	2.120	y, z	0.0	Cantilever End Free
65	List of Members	65	☐	1.850	y, z	0.0	Cantilever End Free
66	List of Members	66	☐	1.850	y, z	0.0	Cantilever End Free
67	List of Members	67	☐	2.120	y, z	0.0	Cantilever End Free
68	List of Members	68	☐	2.120	y, z	0.0	Cantilever End Free
69	List of Members	69	☐	1.850	y, z	0.0	Cantilever End Free
70	List of Members	70	☐	1.850	y, z	0.0	Cantilever End Free
71	List of Members	71	☐	2.120	y, z	0.0	Cantilever End Free
72	List of Members	72	☐	2.120	y, z	0.0	Cantilever End Free
73	List of Members	73	☐	1.900	y, z	0.0	Cantilever End Free
74	List of Members	74	☐	1.900	y, z	0.0	Cantilever End Free
75	List of Members	75	☐	1.900	y, z	0.0	Cantilever End Free
76	List of Members	76	☐	1.900	y, z	0.0	Cantilever End Free
77	List of Members	77	☐	1.900	y, z	0.0	Cantilever End Free
78	List of Members	78	☐	1.900	y, z	0.0	Cantilever End Free
79	List of Members	79	☐	1.900	y, z	0.0	Cantilever End Free
80	List of Members	80	☐	1.900	y, z	0.0	Cantilever End Free
81	List of Members	81	☐	1.900	y, z	0.0	Cantilever End Free
82	List of Members	82	☐	1.900	y, z	0.0	Cantilever End Free
83	List of Members	83	☐	1.900	y, z	0.0	Cantilever End Free
84	List of Members	84	☐	1.900	y, z	0.0	Cantilever End Free

1.9 SERVICEABILITY DATA

No.	Reference to	Members/Sets No.	Reference Length Manually	Reference Length l [m]	Direct.	Precamber e_0 [mm]	Beam Type
85	List of Members	85	☐	1.900	y, z	0.0	Cantilever End Free
86	List of Members	86	☐	1.900	y, z	0.0	Cantilever End Free
87	List of Members	87	☐	1.460	y, z	0.0	Cantilever End Free
88	List of Members	88	☐	1.460	y, z	0.0	Cantilever End Free
89	List of Members	89	☐	0.930	y, z	0.0	Cantilever End Free
90	List of Members	90	☐	0.930	y, z	0.0	Cantilever End Free
91	List of Members	91	☐	1.300	y, z	0.0	Cantilever End Free
92	List of Members	92	☐	1.300	y, z	0.0	Cantilever End Free
93	List of Members	93	☐	1.300	y, z	0.0	Cantilever End Free
94	List of Members	94	☐	1.300	y, z	0.0	Cantilever End Free
95	List of Members	95	☐	1.300	y, z	0.0	Cantilever End Free
96	List of Members	96	☐	1.300	y, z	0.0	Cantilever End Free
97	List of Members	97	☐	1.300	y, z	0.0	Cantilever End Free
98	List of Members	98	☐	1.300	y, z	0.0	Cantilever End Free
99	List of Members	99	☐	1.300	y, z	0.0	Cantilever End Free
100	List of Members	100	☐	1.300	y, z	0.0	Cantilever End Free
101	List of Members	101	☐	1.300	y, z	0.0	Cantilever End Free
102	List of Members	102	☐	1.300	y, z	0.0	Cantilever End Free
103	List of Members	103	☐	1.300	y, z	0.0	Cantilever End Free
104	List of Members	104	☐	1.300	y, z	0.0	Cantilever End Free
105	List of Members	105	☐	1.300	y, z	0.0	Cantilever End Free
106	List of Members	106	☐	1.300	y, z	0.0	Cantilever End Free
107	List of Members	107	☐	1.300	y, z	0.0	Cantilever End Free
108	List of Members	108	☐	1.300	y, z	0.0	Cantilever End Free
109	List of Members	109	☐	1.900	y, z	0.0	Cantilever End Free
110	List of Members	110	☐	1.900	y, z	0.0	Cantilever End Free
111	List of Members	111	☐	1.900	y, z	0.0	Cantilever End Free
112	List of Members	112	☐	1.900	y, z	0.0	Cantilever End Free
113	List of Members	113	☐	1.900	y, z	0.0	Cantilever End Free
114	List of Members	114	☐	1.900	y, z	0.0	Cantilever End Free
115	List of Members	115	☐	1.900	y, z	0.0	Cantilever End Free
116	List of Members	116	☐	1.900	y, z	0.0	Cantilever End Free
117	List of Members	117	☐	1.900	y, z	0.0	Cantilever End Free
118	List of Members	118	☐	1.900	y, z	0.0	Cantilever End Free
119	List of Members	121	☐	1.300	y, z	0.0	Cantilever End Free
120	List of Members	122	☐	1.300	y, z	0.0	Cantilever End Free
121	List of Members	123	☐	1.300	y, z	0.0	Cantilever End Free
122	List of Members	124	☐	1.300	y, z	0.0	Cantilever End Free
123	List of Members	125	☐	1.300	y, z	0.0	Cantilever End Free
124	List of Members	126	☐	1.300	y, z	0.0	Cantilever End Free
125	List of Members	127	☐	1.300	y, z	0.0	Cantilever End Free
126	List of Members	128	☐	1.300	y, z	0.0	Cantilever End Free
127	List of Members	129	☐	1.300	y, z	0.0	Cantilever End Free
128	List of Members	130	☐	1.300	y, z	0.0	Cantilever End Free
129	List of Members	133	☐	1.900	y, z	0.0	Cantilever End Free
130	List of Members	134	☐	1.900	y, z	0.0	Cantilever End Free
131	List of Members	135	☐	1.900	y, z	0.0	Cantilever End Free
132	List of Members	136	☐	1.900	y, z	0.0	Cantilever End Free
133	List of Members	137	☐	1.900	y, z	0.0	Cantilever End Free
134	List of Members	138	☐	1.900	y, z	0.0	Cantilever End Free
135	List of Members	139	☐	1.900	y, z	0.0	Cantilever End Free
136	List of Members	140	☐	1.900	y, z	0.0	Cantilever End Free
137	List of Members	141	☐	1.900	y, z	0.0	Cantilever End Free
138	List of Members	142	☐	1.900	y, z	0.0	Cantilever End Free
139	List of Members	145	☐	1.300	y, z	0.0	Cantilever End Free
140	List of Members	146	☐	1.300	y, z	0.0	Cantilever End Free
141	List of Members	147	☐	1.300	y, z	0.0	Cantilever End Free
142	List of Members	148	☐	1.300	y, z	0.0	Cantilever End Free
143	List of Members	149	☐	1.300	y, z	0.0	Cantilever End Free
144	List of Members	150	☐	1.300	y, z	0.0	Cantilever End Free
145	List of Members	151	☐	1.300	y, z	0.0	Cantilever End Free
146	List of Members	152	☐	1.300	y, z	0.0	Cantilever End Free
147	List of Members	153	☐	1.300	y, z	0.0	Cantilever End Free
148	List of Members	154	☐	1.300	y, z	0.0	Cantilever End Free
149	List of Members	157	☐	1.850	y, z	0.0	Cantilever End Free
150	List of Members	158	☐	1.850	y, z	0.0	Cantilever End Free
151	List of Members	159	☐	1.850	y, z	0.0	Cantilever End Free
152	List of Members	160	☐	1.850	y, z	0.0	Cantilever End Free
153	List of Members	161	☐	2.050	y, z	0.0	Cantilever End Free
154	List of Members	162	☐	2.050	y, z	0.0	Cantilever End Free
155	List of Members	163	☐	2.050	y, z	0.0	Cantilever End Free
156	List of Members	164	☐	2.050	y, z	0.0	Cantilever End Free
157	List of Members	165	☐	1.850	y, z	0.0	Cantilever End Free
158	List of Members	166	☐	1.850	y, z	0.0	Cantilever End Free
159	List of Members	167	☐	2.050	y, z	0.0	Cantilever End Free
160	List of Members	168	☐	2.050	y, z	0.0	Cantilever End Free
161	List of Members	169	☐	1.850	y, z	0.0	Cantilever End Free
162	List of Members	170	☐	1.850	y, z	0.0	Cantilever End Free
163	List of Members	171	☐	2.050	y, z	0.0	Cantilever End Free
164	List of Members	172	☐	2.050	y, z	0.0	Cantilever End Free
165	List of Members	173	☐	1.850	y, z	0.0	Cantilever End Free
166	List of Members	174	☐	1.850	y, z	0.0	Cantilever End Free
167	List of Members	175	☐	2.050	y, z	0.0	Cantilever End Free
168	List of Members	176	☐	2.050	y, z	0.0	Cantilever End Free
169	List of Members	177	☐	1.850	y, z	0.0	Cantilever End Free
170	List of Members	178	☐	1.850	y, z	0.0	Cantilever End Free
171	List of Members	179	☐	2.050	y, z	0.0	Cantilever End Free
172	List of Members	180	☐	2.050	y, z	0.0	Cantilever End Free
173	List of Members	181	☐	2.780	y, z	0.0	Cantilever End Free
174	List of Members	182	☐	2.780	y, z	0.0	Cantilever End Free
175	List of Members	183	☐	2.050	y, z	0.0	Cantilever End Free
176	List of Members	184	☐	2.050	y, z	0.0	Cantilever End Free
177	List of Members	185	☐	1.850	y, z	0.0	Cantilever End Free
178	List of Members	186	☐	1.850	y, z	0.0	Cantilever End Free

1.9 SERVICEABILITY DATA

No.	Reference to	Members/Sets No.	Reference Length Manually	Reference Length l [m]	Direct.	Precamber e_0 [mm]	Beam Type
179	List of Members	187	☐	2.050	y, z	0.0	Cantilever End Free
180	List of Members	188	☐	2.050	y, z	0.0	Cantilever End Free
181	List of Members	189	☐	3.770	y, z	0.0	Cantilever End Free
182	List of Members	190	☐	3.770	y, z	0.0	Cantilever End Free
183	List of Members	191	☐	2.050	y, z	0.0	Cantilever End Free
184	List of Members	192	☐	2.050	y, z	0.0	Cantilever End Free
185	List of Members	193	☐	1.850	y, z	0.0	Cantilever End Free
186	List of Members	194	☐	1.850	y, z	0.0	Cantilever End Free
187	List of Members	195	☐	2.050	y, z	0.0	Cantilever End Free
188	List of Members	196	☐	2.050	y, z	0.0	Cantilever End Free
189	List of Members	197	☐	1.850	y, z	0.0	Cantilever End Free
190	List of Members	198	☐	1.850	y, z	0.0	Cantilever End Free
191	List of Members	199	☐	2.050	y, z	0.0	Cantilever End Free
192	List of Members	200	☐	2.050	y, z	0.0	Cantilever End Free
193	List of Members	201	☐	1.850	y, z	0.0	Cantilever End Free
194	List of Members	202	☐	1.850	y, z	0.0	Cantilever End Free
195	List of Members	203	☐	1.850	y, z	0.0	Cantilever End Free
196	List of Members	204	☐	1.850	y, z	0.0	Cantilever End Free
197	List of Members	205	☐	2.050	y, z	0.0	Cantilever End Free
198	List of Members	206	☐	2.050	y, z	0.0	Cantilever End Free
199	List of Members	207	☐	2.050	y, z	0.0	Cantilever End Free
200	List of Members	208	☐	2.050	y, z	0.0	Cantilever End Free
201	List of Members	209	☐	1.850	y, z	0.0	Cantilever End Free
202	List of Members	210	☐	1.850	y, z	0.0	Cantilever End Free
203	List of Members	211	☐	2.050	y, z	0.0	Cantilever End Free
204	List of Members	212	☐	2.050	y, z	0.0	Cantilever End Free
205	List of Members	213	☐	1.850	y, z	0.0	Cantilever End Free
206	List of Members	214	☐	1.850	y, z	0.0	Cantilever End Free
207	List of Members	215	☐	2.050	y, z	0.0	Cantilever End Free
208	List of Members	216	☐	2.050	y, z	0.0	Cantilever End Free
209	List of Members	217	☐	1.850	y, z	0.0	Cantilever End Free
210	List of Members	218	☐	1.850	y, z	0.0	Cantilever End Free
211	List of Members	219	☐	2.050	y, z	0.0	Cantilever End Free
212	List of Members	220	☐	2.050	y, z	0.0	Cantilever End Free
213	List of Members	221	☐	1.850	y, z	0.0	Cantilever End Free
214	List of Members	222	☐	1.850	y, z	0.0	Cantilever End Free
215	List of Members	223	☐	2.050	y, z	0.0	Cantilever End Free
216	List of Members	224	☐	2.050	y, z	0.0	Cantilever End Free
217	List of Members	225	☐	1.850	y, z	0.0	Cantilever End Free
218	List of Members	226	☐	1.850	y, z	0.0	Cantilever End Free
219	List of Members	227	☐	2.050	y, z	0.0	Cantilever End Free
220	List of Members	228	☐	2.050	y, z	0.0	Cantilever End Free
221	List of Members	229	☐	1.850	y, z	0.0	Cantilever End Free
222	List of Members	230	☐	1.850	y, z	0.0	Cantilever End Free
223	List of Members	231	☐	2.050	y, z	0.0	Cantilever End Free
224	List of Members	232	☐	2.050	y, z	0.0	Cantilever End Free
225	List of Members	233	☐	1.850	y, z	0.0	Cantilever End Free
226	List of Members	234	☐	1.850	y, z	0.0	Cantilever End Free
227	List of Members	235	☐	2.050	y, z	0.0	Cantilever End Free
228	List of Members	236	☐	2.050	y, z	0.0	Cantilever End Free
229	List of Members	237	☐	1.850	y, z	0.0	Cantilever End Free
230	List of Members	238	☐	1.850	y, z	0.0	Cantilever End Free
231	List of Members	239	☐	2.050	y, z	0.0	Cantilever End Free
232	List of Members	240	☐	2.050	y, z	0.0	Cantilever End Free
233	List of Members	241	☐	1.850	y, z	0.0	Cantilever End Free
234	List of Members	242	☐	1.850	y, z	0.0	Cantilever End Free
235	List of Members	243	☐	2.050	y, z	0.0	Cantilever End Free
236	List of Members	244	☐	2.050	y, z	0.0	Cantilever End Free
237	List of Members	245	☐	1.850	y, z	0.0	Cantilever End Free
238	List of Members	246	☐	1.850	y, z	0.0	Cantilever End Free
239	List of Members	247	☐	1.850	y, z	0.0	Cantilever End Free
240	List of Members	248	☐	1.850	y, z	0.0	Cantilever End Free
241	List of Members	249	☐	2.050	y, z	0.0	Cantilever End Free
242	List of Members	250	☐	2.050	y, z	0.0	Cantilever End Free
243	List of Members	251	☐	2.050	y, z	0.0	Cantilever End Free
244	List of Members	252	☐	2.050	y, z	0.0	Cantilever End Free
245	List of Members	253	☐	1.850	y, z	0.0	Cantilever End Free
246	List of Members	254	☐	1.850	y, z	0.0	Cantilever End Free
247	List of Members	255	☐	2.050	y, z	0.0	Cantilever End Free
248	List of Members	256	☐	2.050	y, z	0.0	Cantilever End Free
249	List of Members	257	☐	1.850	y, z	0.0	Cantilever End Free
250	List of Members	258	☐	1.850	y, z	0.0	Cantilever End Free
251	List of Members	259	☐	2.050	y, z	0.0	Cantilever End Free
252	List of Members	260	☐	2.050	y, z	0.0	Cantilever End Free
253	List of Members	261	☐	1.850	y, z	0.0	Cantilever End Free
254	List of Members	262	☐	1.850	y, z	0.0	Cantilever End Free
255	List of Members	263	☐	2.050	y, z	0.0	Cantilever End Free
256	List of Members	264	☐	2.050	y, z	0.0	Cantilever End Free
257	List of Members	265	☐	1.850	y, z	0.0	Cantilever End Free
258	List of Members	266	☐	1.850	y, z	0.0	Cantilever End Free
259	List of Members	267	☐	2.050	y, z	0.0	Cantilever End Free
260	List of Members	268	☐	2.050	y, z	0.0	Cantilever End Free
261	List of Members	269	☐	1.850	y, z	0.0	Cantilever End Free
262	List of Members	270	☐	1.850	y, z	0.0	Cantilever End Free
263	List of Members	271	☐	2.050	y, z	0.0	Cantilever End Free
264	List of Members	272	☐	2.050	y, z	0.0	Cantilever End Free
265	List of Members	273	☐	1.850	y, z	0.0	Cantilever End Free
266	List of Members	274	☐	1.850	y, z	0.0	Cantilever End Free
267	List of Members	275	☐	2.050	y, z	0.0	Cantilever End Free
268	List of Members	276	☐	2.050	y, z	0.0	Cantilever End Free
269	List of Members	277	☐	1.850	y, z	0.0	Cantilever End Free
270	List of Members	278	☐	1.850	y, z	0.0	Cantilever End Free
271	List of Members	279	☐	2.050	y, z	0.0	Cantilever End Free
272	List of Members	280	☐	2.050	y, z	0.0	Cantilever End Free

1.9 SERVICEABILITY DATA

No.	Reference to	Members/Sets No.	Reference Length Manually	Reference Length l [m]	Direct.	Precamber e_0 [mm]	Beam Type
273	List of Members	281	☐	1.850	y, z	0.0	Cantilever End Free
274	List of Members	282	☐	1.850	y, z	0.0	Cantilever End Free
275	List of Members	283	☐	2.050	y, z	0.0	Cantilever End Free
276	List of Members	284	☐	2.050	y, z	0.0	Cantilever End Free
277	List of Members	285	☐	1.850	y, z	0.0	Cantilever End Free
278	List of Members	286	☐	1.850	y, z	0.0	Cantilever End Free
279	List of Members	287	☐	2.050	y, z	0.0	Cantilever End Free
280	List of Members	288	☐	2.050	y, z	0.0	Cantilever End Free
281	List of Members	289	☐	1.850	y, z	0.0	Cantilever End Free
282	List of Members	290	☐	1.850	y, z	0.0	Cantilever End Free
283	List of Members	291	☐	2.050	y, z	0.0	Cantilever End Free
284	List of Members	292	☐	2.050	y, z	0.0	Cantilever End Free
285	List of Members	293	☐	1.850	y, z	0.0	Cantilever End Free
286	List of Members	294	☐	1.850	y, z	0.0	Cantilever End Free
287	List of Members	295	☐	1.850	y, z	0.0	Cantilever End Free
288	List of Members	296	☐	1.850	y, z	0.0	Cantilever End Free
289	List of Members	297	☐	2.050	y, z	0.0	Cantilever End Free
290	List of Members	298	☐	2.050	y, z	0.0	Cantilever End Free
291	List of Members	299	☐	2.050	y, z	0.0	Cantilever End Free
292	List of Members	300	☐	2.050	y, z	0.0	Cantilever End Free
293	List of Members	301	☐	1.850	y, z	0.0	Cantilever End Free
294	List of Members	302	☐	1.850	y, z	0.0	Cantilever End Free
295	List of Members	303	☐	2.050	y, z	0.0	Cantilever End Free
296	List of Members	304	☐	2.050	y, z	0.0	Cantilever End Free
297	List of Members	305	☐	1.850	y, z	0.0	Cantilever End Free
298	List of Members	306	☐	1.850	y, z	0.0	Cantilever End Free
299	List of Members	307	☐	2.050	y, z	0.0	Cantilever End Free
300	List of Members	308	☐	2.050	y, z	0.0	Cantilever End Free
301	List of Members	309	☐	1.850	y, z	0.0	Cantilever End Free
302	List of Members	310	☐	1.850	y, z	0.0	Cantilever End Free
303	List of Members	311	☐	2.050	y, z	0.0	Cantilever End Free
304	List of Members	312	☐	2.050	y, z	0.0	Cantilever End Free
305	List of Members	313	☐	1.850	y, z	0.0	Cantilever End Free
306	List of Members	314	☐	1.850	y, z	0.0	Cantilever End Free
307	List of Members	315	☐	2.050	y, z	0.0	Cantilever End Free
308	List of Members	316	☐	2.050	y, z	0.0	Cantilever End Free
309	List of Members	317	☐	1.850	y, z	0.0	Cantilever End Free
310	List of Members	318	☐	1.850	y, z	0.0	Cantilever End Free
311	List of Members	319	☐	2.050	y, z	0.0	Cantilever End Free
312	List of Members	320	☐	2.050	y, z	0.0	Cantilever End Free
313	List of Members	321	☐	1.850	y, z	0.0	Cantilever End Free
314	List of Members	322	☐	1.850	y, z	0.0	Cantilever End Free
315	List of Members	323	☐	2.050	y, z	0.0	Cantilever End Free
316	List of Members	324	☐	2.050	y, z	0.0	Cantilever End Free
317	List of Members	325	☐	1.850	y, z	0.0	Cantilever End Free
318	List of Members	326	☐	1.850	y, z	0.0	Cantilever End Free
319	List of Members	327	☐	2.050	y, z	0.0	Cantilever End Free
320	List of Members	328	☐	2.050	y, z	0.0	Cantilever End Free
321	List of Members	329	☐	1.850	y, z	0.0	Cantilever End Free
322	List of Members	330	☐	1.850	y, z	0.0	Cantilever End Free
323	List of Members	331	☐	2.050	y, z	0.0	Cantilever End Free
324	List of Members	332	☐	2.050	y, z	0.0	Cantilever End Free
325	List of Members	333	☐	1.850	y, z	0.0	Cantilever End Free
326	List of Members	334	☐	1.850	y, z	0.0	Cantilever End Free
327	List of Members	335	☐	2.050	y, z	0.0	Cantilever End Free
328	List of Members	336	☐	2.050	y, z	0.0	Cantilever End Free
329	List of Members	337	☐	1.850	y, z	0.0	Cantilever End Free
330	List of Members	338	☐	1.850	y, z	0.0	Cantilever End Free
331	List of Members	339	☐	2.050	y, z	0.0	Cantilever End Free
332	List of Members	340	☐	2.050	y, z	0.0	Cantilever End Free
333	List of Members	341	☐	1.900	y, z	0.0	Cantilever End Free
334	List of Members	342	☐	1.900	y, z	0.0	Cantilever End Free
335	List of Members	343	☐	2.300	y, z	0.0	Cantilever End Free
336	List of Members	344	☐	2.300	y, z	0.0	Cantilever End Free
337	List of Members	345	☐	2.300	y, z	0.0	Cantilever End Free
338	List of Members	346	☐	2.300	y, z	0.0	Cantilever End Free
339	List of Members	347	☐	2.300	y, z	0.0	Cantilever End Free
340	List of Members	348	☐	2.300	y, z	0.0	Cantilever End Free
341	List of Members	349	☐	2.300	y, z	0.0	Cantilever End Free
342	List of Members	350	☐	2.300	y, z	0.0	Cantilever End Free
343	List of Members	351	☐	2.300	y, z	0.0	Cantilever End Free
344	List of Members	352	☐	2.300	y, z	0.0	Cantilever End Free
345	List of Members	353	☐	2.300	y, z	0.0	Cantilever End Free
346	List of Members	354	☐	2.300	y, z	0.0	Cantilever End Free
347	List of Members	355	☐	2.300	y, z	0.0	Cantilever End Free
348	List of Members	356	☐	2.300	y, z	0.0	Cantilever End Free
349	List of Members	357	☐	2.300	y, z	0.0	Cantilever End Free
350	List of Members	358	☐	2.300	y, z	0.0	Cantilever End Free
351	List of Members	359	☐	1.900	y, z	0.0	Cantilever End Free
352	List of Members	360	☐	1.900	y, z	0.0	Cantilever End Free
353	List of Members	361	☐	1.900	y, z	0.0	Cantilever End Free
354	List of Members	362	☐	1.900	y, z	0.0	Cantilever End Free
355	List of Members	363	☐	1.900	y, z	0.0	Cantilever End Free
356	List of Members	364	☐	1.900	y, z	0.0	Cantilever End Free
357	List of Members	365	☐	1.900	y, z	0.0	Cantilever End Free
358	List of Members	366	☐	1.300	y, z	0.0	Cantilever End Free
359	List of Members	367	☐	1.300	y, z	0.0	Cantilever End Free
360	List of Members	368	☐	1.300	y, z	0.0	Cantilever End Free
361	List of Members	369	☐	1.300	y, z	0.0	Cantilever End Free
362	List of Members	370	☐	1.300	y, z	0.0	Cantilever End Free
363	List of Members	371	☐	1.300	y, z	0.0	Cantilever End Free
364	List of Members	372	☐	1.300	y, z	0.0	Cantilever End Free
365	List of Members	373	☐	1.300	y, z	0.0	Cantilever End Free
366	List of Members	374	☐	1.300	y, z	0.0	Cantilever End Free

1.9 SERVICEABILITY DATA

No.	Reference to	Members/Sets No.	Reference Length Manually	Reference Length l [m]	Direct.	Precamber e_0 [mm]	Beam Type
367	List of Members	375	☐	1.850	y, z	0.0	Cantilever End Free
368	List of Members	376	☐	1.850	y, z	0.0	Cantilever End Free
369	List of Members	377	☐	2.050	y, z	0.0	Cantilever End Free
370	List of Members	378	☐	2.050	y, z	0.0	Cantilever End Free
371	List of Members	379	☐	1.850	y, z	0.0	Cantilever End Free
372	List of Members	380	☐	2.050	y, z	0.0	Cantilever End Free
373	List of Members	381	☐	1.850	y, z	0.0	Cantilever End Free
374	List of Members	382	☐	2.050	y, z	0.0	Cantilever End Free
375	List of Members	383	☐	1.850	y, z	0.0	Cantilever End Free
376	List of Members	384	☐	2.050	y, z	0.0	Cantilever End Free
377	List of Members	385	☐	1.850	y, z	0.0	Cantilever End Free
378	List of Members	386	☐	2.050	y, z	0.0	Cantilever End Free
379	List of Members	387	☐	1.850	y, z	0.0	Cantilever End Free
380	List of Members	388	☐	2.050	y, z	0.0	Cantilever End Free
381	List of Members	389	☐	1.850	y, z	0.0	Cantilever End Free
382	List of Members	390	☐	2.050	y, z	0.0	Cantilever End Free
383	List of Members	391	☐	1.850	y, z	0.0	Cantilever End Free
384	List of Members	392	☐	2.050	y, z	0.0	Cantilever End Free
385	List of Members	393	☐	1.850	y, z	0.0	Cantilever End Free
386	List of Members	394	☐	2.050	y, z	0.0	Cantilever End Free
387	List of Members	395	☐	1.850	y, z	0.0	Cantilever End Free
388	List of Members	396	☐	2.050	y, z	0.0	Cantilever End Free
389	List of Members	397	☐	1.200	y, z	0.0	Cantilever End Free
390	List of Members	398	☐	1.200	y, z	0.0	Cantilever End Free
391	List of Members	399	☐	1.200	y, z	0.0	Cantilever End Free
392	List of Members	400	☐	1.200	y, z	0.0	Cantilever End Free
393	List of Members	401	☐	1.200	y, z	0.0	Cantilever End Free
394	List of Members	402	☐	1.200	y, z	0.0	Cantilever End Free
395	List of Members	403	☐	1.200	y, z	0.0	Cantilever End Free
396	List of Members	404	☐	1.200	y, z	0.0	Cantilever End Free
397	List of Members	405	☐	1.200	y, z	0.0	Cantilever End Free
398	List of Members	406	☐	1.200	y, z	0.0	Cantilever End Free
399	List of Members	407	☐	1.200	y, z	0.0	Cantilever End Free
400	List of Members	408	☐	1.200	y, z	0.0	Cantilever End Free
401	List of Members	409	☐	1.200	y, z	0.0	Cantilever End Free
402	List of Members	410	☐	1.200	y, z	0.0	Cantilever End Free
403	List of Members	411	☐	1.200	y, z	0.0	Cantilever End Free
404	List of Members	412	☐	1.200	y, z	0.0	Cantilever End Free
405	List of Members	413	☐	1.200	y, z	0.0	Cantilever End Free
406	List of Members	414	☐	1.200	y, z	0.0	Cantilever End Free
407	List of Members	415	☐	1.200	y, z	0.0	Cantilever End Free
408	List of Members	416	☐	1.200	y, z	0.0	Cantilever End Free
409	List of Members	417	☐	1.200	y, z	0.0	Cantilever End Free
410	List of Members	418	☐	1.200	y, z	0.0	Cantilever End Free
411	List of Members	419	☐	1.200	y, z	0.0	Cantilever End Free
412	List of Members	420	☐	1.200	y, z	0.0	Cantilever End Free
413	List of Members	421	☐	1.200	y, z	0.0	Cantilever End Free
414	List of Members	422	☐	1.200	y, z	0.0	Cantilever End Free
415	List of Members	423	☐	1.200	y, z	0.0	Cantilever End Free
416	List of Members	424	☐	1.200	y, z	0.0	Cantilever End Free
417	List of Members	425	☐	1.200	y, z	0.0	Cantilever End Free
418	List of Members	426	☐	1.200	y, z	0.0	Cantilever End Free
419	List of Members	427	☐	1.200	y, z	0.0	Cantilever End Free
420	List of Members	428	☐	1.200	y, z	0.0	Cantilever End Free
421	List of Members	429	☐	1.200	y, z	0.0	Cantilever End Free
422	List of Members	430	☐	1.200	y, z	0.0	Cantilever End Free
423	List of Members	431	☐	1.200	y, z	0.0	Cantilever End Free
424	List of Members	432	☐	1.200	y, z	0.0	Cantilever End Free
425	List of Members	433	☐	1.200	y, z	0.0	Cantilever End Free
426	List of Members	434	☐	1.200	y, z	0.0	Cantilever End Free
427	List of Members	435	☐	1.200	y, z	0.0	Cantilever End Free
428	List of Members	436	☐	1.200	y, z	0.0	Cantilever End Free
429	List of Members	437	☐	1.200	y, z	0.0	Cantilever End Free
430	List of Members	438	☐	1.200	y, z	0.0	Cantilever End Free
431	List of Members	439	☐	1.200	y, z	0.0	Cantilever End Free
432	List of Members	440	☐	1.200	y, z	0.0	Cantilever End Free
433	List of Members	441	☐	1.200	y, z	0.0	Cantilever End Free
434	List of Members	442	☐	1.200	y, z	0.0	Cantilever End Free
435	List of Members	443	☐	1.200	y, z	0.0	Cantilever End Free
436	List of Members	444	☐	1.200	y, z	0.0	Cantilever End Free
437	List of Members	445	☐	1.200	y, z	0.0	Cantilever End Free
438	List of Members	446	☐	1.200	y, z	0.0	Cantilever End Free
439	List of Members	447	☐	1.200	y, z	0.0	Cantilever End Free
440	List of Members	448	☐	1.200	y, z	0.0	Cantilever End Free
441	List of Members	449	☐	1.200	y, z	0.0	Cantilever End Free
442	List of Members	450	☐	1.200	y, z	0.0	Cantilever End Free
443	List of Members	451	☐	1.200	y, z	0.0	Cantilever End Free
444	List of Members	454	☐	1.200	y, z	0.0	Cantilever End Free
445	List of Members	455	☐	1.200	y, z	0.0	Cantilever End Free
446	List of Members	456	☐	1.200	y, z	0.0	Cantilever End Free
447	List of Members	457	☐	1.200	y, z	0.0	Cantilever End Free
448	List of Members	458	☐	1.200	y, z	0.0	Cantilever End Free
449	List of Members	459	☐	1.200	y, z	0.0	Cantilever End Free
450	List of Members	460	☐	1.200	y, z	0.0	Cantilever End Free
451	List of Members	461	☐	1.200	y, z	0.0	Cantilever End Free
452	List of Members	462	☐	1.200	y, z	0.0	Cantilever End Free
453	List of Members	463	☐	1.200	y, z	0.0	Cantilever End Free
454	List of Members	464	☐	1.200	y, z	0.0	Cantilever End Free
455	List of Members	465	☐	1.200	y, z	0.0	Cantilever End Free
456	List of Members	466	☐	1.200	y, z	0.0	Cantilever End Free
457	List of Members	467	☐	1.200	y, z	0.0	Cantilever End Free
458	List of Members	468	☐	1.200	y, z	0.0	Cantilever End Free
459	List of Members	469	☐	1.200	y, z	0.0	Cantilever End Free
460	List of Members	470	☐	1.200	y, z	0.0	Cantilever End Free

1.9 SERVICEABILITY DATA

No.	Reference to	Members/Sets No.	Reference Length Manually	Reference Length l [m]	Direct.	Precamber e_0 [mm]	Beam Type
461	List of Members	471	☐	1.200	y, z	0.0	Cantilever End Free
462	List of Members	472	☐	1.200	y, z	0.0	Cantilever End Free
463	List of Members	473	☐	1.200	y, z	0.0	Cantilever End Free
464	List of Members	476	☐	1.800	y, z	0.0	Cantilever End Free
465	List of Members	477	☐	1.800	y, z	0.0	Cantilever End Free
466	List of Members	478	☐	1.200	y, z	0.0	Cantilever End Free
467	List of Members	479	☐	1.200	y, z	0.0	Cantilever End Free
468	List of Members	480	☐	1.800	y, z	0.0	Cantilever End Free
469	List of Members	481	☐	1.800	y, z	0.0	Cantilever End Free
470	List of Members	482	☐	1.200	y, z	0.0	Cantilever End Free
471	List of Members	483	☐	1.200	y, z	0.0	Cantilever End Free
472	List of Members	484	☐	1.800	y, z	0.0	Cantilever End Free
473	List of Members	485	☐	1.800	y, z	0.0	Cantilever End Free
474	List of Members	486	☐	1.200	y, z	0.0	Cantilever End Free
475	List of Members	487	☐	1.200	y, z	0.0	Cantilever End Free
476	List of Members	488	☐	1.800	y, z	0.0	Cantilever End Free
477	List of Members	489	☐	1.800	y, z	0.0	Cantilever End Free
478	List of Members	490	☐	1.200	y, z	0.0	Cantilever End Free
479	List of Members	491	☐	1.200	y, z	0.0	Cantilever End Free
480	List of Members	492	☐	1.800	y, z	0.0	Cantilever End Free
481	List of Members	493	☐	1.800	y, z	0.0	Cantilever End Free
482	List of Members	494	☐	1.200	y, z	0.0	Cantilever End Free
483	List of Members	495	☐	1.200	y, z	0.0	Cantilever End Free
484	List of Members	496	☐	1.800	y, z	0.0	Cantilever End Free
485	List of Members	497	☐	1.800	y, z	0.0	Cantilever End Free
486	List of Members	498	☐	1.200	y, z	0.0	Cantilever End Free
487	List of Members	499	☐	1.200	y, z	0.0	Cantilever End Free
488	List of Members	500	☐	1.800	y, z	0.0	Cantilever End Free
489	List of Members	501	☐	1.800	y, z	0.0	Cantilever End Free
490	List of Members	502	☐	1.200	y, z	0.0	Cantilever End Free
491	List of Members	503	☐	1.200	y, z	0.0	Cantilever End Free
492	List of Members	504	☐	1.800	y, z	0.0	Cantilever End Free
493	List of Members	505	☐	1.800	y, z	0.0	Cantilever End Free
494	List of Members	506	☐	1.200	y, z	0.0	Cantilever End Free
495	List of Members	507	☐	1.200	y, z	0.0	Cantilever End Free
496	List of Members	508	☐	1.800	y, z	0.0	Cantilever End Free
497	List of Members	509	☐	1.800	y, z	0.0	Cantilever End Free
498	List of Members	510	☐	1.800	y, z	0.0	Cantilever End Free
499	List of Members	511	☐	1.800	y, z	0.0	Cantilever End Free
500	List of Members	512	☐	1.800	y, z	0.0	Cantilever End Free
501	List of Members	513	☐	1.800	y, z	0.0	Cantilever End Free
502	List of Members	514	☐	1.800	y, z	0.0	Cantilever End Free
503	List of Members	515	☐	1.800	y, z	0.0	Cantilever End Free
504	List of Members	516	☐	1.200	y, z	0.0	Cantilever End Free
505	List of Members	517	☐	1.200	y, z	0.0	Cantilever End Free
506	List of Members	518	☐	1.200	y, z	0.0	Cantilever End Free
507	List of Members	519	☐	1.200	y, z	0.0	Cantilever End Free
508	List of Members	520	☐	1.200	y, z	0.0	Cantilever End Free
509	List of Members	521	☐	1.200	y, z	0.0	Cantilever End Free
510	List of Members	522	☐	1.200	y, z	0.0	Cantilever End Free
511	List of Members	523	☐	1.200	y, z	0.0	Cantilever End Free
512	List of Members	644	☐	1.080	y, z	0.0	Cantilever End Free
513	List of Members	645	☐	2.000	y, z	0.0	Cantilever End Free
514	List of Members	646	☐	1.340	y, z	0.0	Cantilever End Free
515	List of Members	647	☐	2.000	y, z	0.0	Cantilever End Free
516	List of Members	648	☐	2.000	y, z	0.0	Cantilever End Free
517	List of Members	649	☐	2.000	y, z	0.0	Cantilever End Free
518	List of Members	650	☐	2.000	y, z	0.0	Cantilever End Free
519	List of Members	651	☐	1.080	y, z	0.0	Cantilever End Free
520	List of Members	652	☐	2.000	y, z	0.0	Cantilever End Free
521	List of Members	653	☐	1.340	y, z	0.0	Cantilever End Free
522	List of Members	654	☐	2.000	y, z	0.0	Cantilever End Free
523	List of Members	655	☐	2.000	y, z	0.0	Cantilever End Free
524	List of Members	656	☐	2.000	y, z	0.0	Cantilever End Free
525	List of Members	657	☐	2.000	y, z	0.0	Cantilever End Free
526	List of Members	658	☐	1.080	y, z	0.0	Cantilever End Free
527	List of Members	659	☐	2.000	y, z	0.0	Cantilever End Free
528	List of Members	660	☐	1.340	y, z	0.0	Cantilever End Free
529	List of Members	661	☐	2.000	y, z	0.0	Cantilever End Free
530	List of Members	662	☐	2.000	y, z	0.0	Cantilever End Free
531	List of Members	663	☐	2.000	y, z	0.0	Cantilever End Free
532	List of Members	664	☐	2.000	y, z	0.0	Cantilever End Free
533	List of Members	665	☐	1.080	y, z	0.0	Cantilever End Free
534	List of Members	666	☐	2.000	y, z	0.0	Cantilever End Free
535	List of Members	667	☐	1.340	y, z	0.0	Cantilever End Free
536	List of Members	668	☐	2.000	y, z	0.0	Cantilever End Free
537	List of Members	669	☐	2.000	y, z	0.0	Cantilever End Free
538	List of Members	670	☐	2.000	y, z	0.0	Cantilever End Free
539	List of Members	671	☐	2.000	y, z	0.0	Cantilever End Free
540	List of Members	672	☐	1.080	y, z	0.0	Cantilever End Free
541	List of Members	673	☐	2.000	y, z	0.0	Cantilever End Free
542	List of Members	674	☐	1.340	y, z	0.0	Cantilever End Free
543	List of Members	675	☐	2.000	y, z	0.0	Cantilever End Free
544	List of Members	676	☐	2.000	y, z	0.0	Cantilever End Free
545	List of Members	677	☐	2.000	y, z	0.0	Cantilever End Free
546	List of Members	678	☐	2.000	y, z	0.0	Cantilever End Free
547	List of Members	679	☐	1.080	y, z	0.0	Cantilever End Free
548	List of Members	680	☐	2.000	y, z	0.0	Cantilever End Free
549	List of Members	681	☐	1.340	y, z	0.0	Cantilever End Free
550	List of Members	682	☐	2.000	y, z	0.0	Cantilever End Free
551	List of Members	683	☐	2.000	y, z	0.0	Cantilever End Free
552	List of Members	684	☐	2.000	y, z	0.0	Cantilever End Free
553	List of Members	685	☐	2.000	y, z	0.0	Cantilever End Free
554	List of Members	686	☐	1.080	y, z	0.0	Cantilever End Free

1.9 SERVICEABILITY DATA

No.	Reference to	Members/Sets No.	Reference Length Manually	Reference Length l [m]	Direct.	Precamber e_0 [mm]	Beam Type
555	List of Members	687	☐	2.000	y, z	0.0	Cantilever End Free
556	List of Members	688	☐	1.340	y, z	0.0	Cantilever End Free
557	List of Members	689	☐	2.000	y, z	0.0	Cantilever End Free
558	List of Members	690	☐	2.000	y, z	0.0	Cantilever End Free
559	List of Members	691	☐	2.000	y, z	0.0	Cantilever End Free
560	List of Members	692	☐	2.000	y, z	0.0	Cantilever End Free
561	List of Members	693	☐	1.080	y, z	0.0	Cantilever End Free
562	List of Members	694	☐	2.000	y, z	0.0	Cantilever End Free
563	List of Members	695	☐	1.340	y, z	0.0	Cantilever End Free
564	List of Members	696	☐	2.000	y, z	0.0	Cantilever End Free
565	List of Members	697	☐	2.000	y, z	0.0	Cantilever End Free
566	List of Members	698	☐	2.000	y, z	0.0	Cantilever End Free
567	List of Members	699	☐	2.000	y, z	0.0	Cantilever End Free
568	List of Members	700	☐	1.080	y, z	0.0	Cantilever End Free
569	List of Members	701	☐	2.000	y, z	0.0	Cantilever End Free
570	List of Members	702	☐	1.340	y, z	0.0	Cantilever End Free
571	List of Members	703	☐	2.000	y, z	0.0	Cantilever End Free
572	List of Members	704	☐	2.000	y, z	0.0	Cantilever End Free
573	List of Members	705	☐	2.000	y, z	0.0	Cantilever End Free
574	List of Members	706	☐	2.000	y, z	0.0	Cantilever End Free
575	List of Members	707	☐	1.080	y, z	0.0	Cantilever End Free
576	List of Members	708	☐	2.000	y, z	0.0	Cantilever End Free
577	List of Members	709	☐	1.340	y, z	0.0	Cantilever End Free
578	List of Members	710	☐	2.000	y, z	0.0	Cantilever End Free
579	List of Members	711	☐	2.000	y, z	0.0	Cantilever End Free
580	List of Members	712	☐	2.000	y, z	0.0	Cantilever End Free
581	List of Members	713	☐	2.000	y, z	0.0	Cantilever End Free

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
1	**Continuous Members 1 (Member No. 2,97,4975,9651,860,98,9652,874,99)**						
	97	0.205	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	97	0.103	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	9651	0.020	RC9	0.13	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	9651	0.040	RC9	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	4975	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	9651	0.020	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	9651	0.020	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	9651	0.020	RC9	0.13	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	9651	0.040	RC9	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	9651	0.040	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	9651	0.020	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	9651	0.040	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	97	0.205	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	97	0.103	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	97	0.103	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	97	0.103	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2	**Continuous Members 2 (Member No. 4,100,9633,861,101,9634,875,102)**						
	100	0.400	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	4	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	875	0.000	RC9	0.11	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	9634	0.175	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	9633	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	9633	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	9633	0.000	RC9	0.12	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	9633	0.000	RC9	0.07	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	9633	0.000	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	9633	0.000	RC9	0.07	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	875	0.000	RC9	0.11	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	100	0.400	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	9633	0.000	RC9	0.00	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	875	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	101	0.400	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	9633	0.000	RC9	0.03	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	100	0.400	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial f

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
							force acc. to 6.2.10 and 6.2.9
	9633	0.000	RC9	0.01	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	9633	0.000	RC9	0.22	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	4	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	4	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	4	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3	**Continuous Members 3 (Member No. 22,127,128,892,129)**						
	129	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	127	0.103	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	128	0.750	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	892	0.025	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	127	0.103	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	127	0.103	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	128	0.750	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	22	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	128	0.750	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	127	0.205	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	127	0.205	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	127	0.103	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	127	0.103	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	127	0.103	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4	**Continuous Members 4 (Member No. 24,130,131,893,132)**						
	24	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	893	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	131	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	132	0.100	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	130	0.400	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	24	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	131	0.375	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	24	0.000	RC1	0.09	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	24	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	24	0.000	RC1	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	24	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5	**Continuous Members 5 (Member No. 6,103,33,862,105,45,870,107)**						
	103	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	6	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	105	0.000	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	6	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	33	0.003	RC9	0.04	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	33	0.003	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	105	0.000	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	33	0.000	RC9	0.05	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	870	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	45	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	103	0.100	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	33	0.003	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	862	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	33	0.003	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	6	0.000	RC9	0.44	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6	**Continuous Members 6 (Member No. 8,104,34,863,106,46,871,108)**						
	104	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	8	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	871	0.000	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	34	0.175	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	104	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	34	0.175	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	871	0.000	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	34	0.175	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	34	0.000	RC9	0.21	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	34	0.350	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	104	0.100	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	8	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	8	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	8	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	8	0.000	RC9	0.42	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7	**Continuous Members 7 (Member No. 10,109,35,864,111,47,872,113)**						
	10	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	47	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	35	0.105	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	109	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	35	0.105	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	35	0.003	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	109	0.100	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	10	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	10	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	35	0.003	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8	**Continuous Members 8 (Member No. 12,110,36,865,112,48,873,114)**						
	12	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	48	0.000	RC9	0.06	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	12	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	110	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	36	0.000	RC9	0.24	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	110	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	110	0.100	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	12	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	12	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	12	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	36	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9	**Continuous Members 9 (Member No. 14,115,37,117,49,885,119)**						
	14	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	49	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	37	0.105	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	37	0.003	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	37	0.105	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	115	0.100	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	115	0.100	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	14	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	49	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	14	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	14	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10	**Continuous Members 10 (Member No. 16,116,38,118,50,886,120)**						
	16	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	50	0.000	RC9	0.06	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	38	0.000	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	38	0.700	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	116	0.100	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	16	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
							6.3.1.1 and 6.3.1.2(4)
	16	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	16	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	16	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11	**Continuous Members 11 (Member No. 18,121,39,123,51,887,125)**						
	121	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	18	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	18	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	39	0.003	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	39	0.003	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	18	0.150	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	121	0.100	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	121	0.100	RC1	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	121	0.100	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	18	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	18	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	18	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
12	**Continuous Members 12 (Member No. 20,122,40,124,52,888,126)**						
	122	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	20	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	888	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	124	0.700	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	52	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	52	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	122	0.100	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	124	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	122	0.100	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	52	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	52	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	20	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
13	**Continuous Members 13 (Member No. 26,133,41,135,53,889,137,5405)**						
	5405	0.048	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	41	0.003	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	137	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	41	0.003	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	137	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	889	0.000	RC9	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	889	0.000	RC9	0.04	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	889	0.000	RC9	0.00	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	889	0.000	RC9	0.04	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	5405	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	137	0.052	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	133	0.100	RC9	0.04	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	41	0.105	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	5405	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	41	0.003	RC9	0.00	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	889	0.000	RC9	0.12	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	137	0.052	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	137	0.052	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	41	0.003	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
14	**Continuous Members 14 (Member No. 28,134,42,136,54,890,138)**						
	134	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	28	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	136	0.700	RC9	0.13	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 -

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
							- Class 1 or 2
	134	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	890	0.025	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	54	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	136	0.700	RC9	0.13	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	42	0.000	RC9	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	28	0.150	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	42	0.700	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	134	0.100	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	28	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	28	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	28	0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	28	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
15	**Continuous Members 15 (Member No. 30,139,43,1590,141,1593,55,891,143)**						
	143	0.100	RC1	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	43	0.003	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1590	0.285	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	141	0.690	RC1	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	43	0.105	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	43	0.003	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	43	0.003	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	43	0.000	RC9	0.08	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	139	0.000	RC9	0.02	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	43	0.000	RC9	0.03	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	43	0.000	RC9	0.03	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	1590	0.285	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	141	0.690	RC1	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	43	0.130	RC9	0.08	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	55	0.050	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1593	0.000	RC1	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	43	0.105	RC9	0.09	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	43	0.003	RC9	0.09	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	43	0.003	RC9	0.43	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	43	0.003	RC9	0.46	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
16	**Continuous Members 16 (Member No. 32,140,44,142,56,144)**						
	144	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	56	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	144	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	144	0.000	RC1	0.10	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	142	0.690	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	32	0.075	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	142	0.690	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	144	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	144	0.000	RC1	0.10	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	140	0.100	RC9	0.06	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	44	0.350	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	144	0.000	RC1	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	140	0.100	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	32	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	32	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	56	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
17	**Continuous Members 17 (Member No. 169,201,9653,3872,202,9654,3873,203)**						
	203	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	169	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	169	0.000	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	3872	0.250	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	3873	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	3873	0.125	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	203	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	169	0.000	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3872	0.250	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	9653	0.040	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	3873	0.125	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	203	0.075	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3873	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	169	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
18	**Continuous Members 18 (Member No. 170,204,9635,3874,205,9636,3875,206)**						
	206	0.075	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	206	0.150	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	9635	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	170	0.000	RC9	0.07	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	206	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	9636	0.075	RC9	0.08	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	9636	0.150	RC1	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	9636	0.075	RC9	0.08	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	9635	0.000	RC9	0.12	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	9636	0.075	RC9	0.09	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	9636	0.000	RC9	0.02	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	9636	0.075	RC9	0.09	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	170	0.000	RC9	0.07	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	206	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	9635	0.000	RC9	0.02	≤ 1	CS156)	Cross-section check - Bending about z-axis, shear force and torsion acc. to 6.2.5 to 6.2.8
	9636	0.000	RC1	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	9636	0.000	RC9	0.02	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	9636	0.150	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	9635	0.000	RC9	0.02	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	3875	0.250	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	9635	0.025	RC1	0.03	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	9636	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9636	0.000	RC9	0.03	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	9636	0.000	RC9	0.27	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	3874	0.250	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	3874	0.250	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9635	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
19	**Continuous Members 17 (Member No. 171,207,208,3876,209,3877,210,211)**						
	3877	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	171	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	211	0.075	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	209	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	210	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	211	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	210	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	211	0.075	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	209	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	3877	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force a

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
							acc. to 6.2.6, 6.2.7 and 6.2.9
	209	0.650	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	211	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3877	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	171	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	171	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	171	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
20	**Continuous Members 18 (Member No. 172,212,213,3878,214,3879,215,216)**						
	212	0.300	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	172	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	172	0.100	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	213	0.175	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	216	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	215	0.100	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	172	0.100	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	215	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	215	0.100	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	212	0.300	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	172	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	213	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	172	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	172	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
21	**Continuous Members 17 (Member No. 173,217,218,3898,219,3899,220,221)**						
	173	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3899	0.075	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	221	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	3899	0.075	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	220	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	3899	0.150	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	220	0.100	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	220	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	173	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	218	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	173	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	220	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
22	**Continuous Members 18 (Member No. 174,222,223,3900,224,3901,225,226)**						
	174	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3901	0.075	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	226	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	3901	0.075	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	223	0.000	RC9	0.20	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	225	0.100	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	222	0.300	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	174	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	174	0.100	RC9	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	174	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	174	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
23	**Continuous Members 17 (Member No. 175,227,228,1579,229,1580,230,231)**						
	175	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1580	0.075	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	231	0.150	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	230	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	230	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1580	0.150	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	231	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1580	0.150	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	175	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	228	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	175	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	230	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
24	**Continuous Members 18 (Member No. 176,232,233,1581,234,1582,235,236)**						
	176	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1582	0.075	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	236	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1582	0.075	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	233	0.000	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	236	0.000	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	232	0.300	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	176	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	176	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	176	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	233	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
25	**Continuous Members 17 (Member No. 177,237,238,1568,239,1569,240,241)**						
	241	0.150	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	177	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	238	0.350	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	240	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	241	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	241	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	238	0.350	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	240	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1569	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	241	0.075	RC1	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1569	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	177	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	177	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	177	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
26	**Continuous Members 18 (Member No. 178,242,243,1570,244,1571,245,246)**						
	242	0.300	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	178	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	245	0.000	RC9	0.08	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	246	0.075	RC1	0.11	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	178	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	246	0.150	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	245	0.050	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	245	0.000	RC9	0.08	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	246	0.075	RC1	0.11	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	246	0.150	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	243	0.000	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	246	0.075	RC1	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	242	0.300	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1571	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1571	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	178	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
27	**Continuous Members 17 (Member No. 179,247,165,248,256,1588,249)**						
	256	0.080	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	179	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	256	0.040	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1588	0.085	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	256	0.040	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	256	0.000	RC9	0.07	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	256	0.040	RC9	0.06	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	256	0.040	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	256	0.040	RC9	0.06	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	1588	0.000	RC9	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	248	0.650	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	249	0.150	RC9	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1588	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	256	0.080	RC9	0.03	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	256	0.080	RC9	0.29	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	179	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	179	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	179	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
28	**Continuous Members 18 (Member No. 180,250,257,251,261,1589,252)**						
	180	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	261	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	261	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	261	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	251	0.650	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	252	0.000	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	252	0.150	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	180	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	180	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	180	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
29	**Continuous Members 17 (Member No. 181,253,254,69,255,1594)**						
	255	0.212	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1594	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	255	0.106	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	181	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	181	0.050	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	69	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	255	0.212	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1594	0.079	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1594	0.000	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	181	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	181	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	181	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
30	**Continuous Members 18 (Member No. 182,258,259,1566,260,1592)**						
	1592	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	260	0.106	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	182	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	182	0.050	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	260	0.106	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1592	0.079	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1566	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	182	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	182	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	182	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
31	**Continuous Members 17 (Member No. 183,263)**						
	263	0.300	RC1	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	183	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	183	0.000	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	183	0.000	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	183	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	183	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	263	0.300	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	183	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	183	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	183	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	183	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
32	**Continuous Members 18 (Member No. 184,268)**						
	268	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	184	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	184	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	184	0.000	RC1	0.10	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	184	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	184	0.000	RC1	0.10	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	268	0.300	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	184	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	184	0.000	RC1	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	184	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	184	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	184	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	184	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
33	**Continuous Members 5 (Member No. 274,4976,329,289,331,9963,297,333)**						
	329	0.100	RC9	0.11	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	297	0.000	RC9	0.15	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	274	0.075	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	329	0.000	RC9	0.10	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	4976	0.075	RC9	0.04	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	297	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	4976	0.000	RC9	0.15	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	4976	0.000	RC9	0.13	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	4976	0.000	RC9	0.06	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	4976	0.000	RC9	0.14	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	274	0.075	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	274	0.075	RC9	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	329	0.100	RC9	0.25	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	4976	0.075	RC9	0.03	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	329	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	4976	0.075	RC9	0.04	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	297	0.000	RC9	0.09	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	4976	0.000	RC9	0.05	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	4976	0.000	RC9	0.44	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	297	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	297	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	297	0.000	RC9	0.68	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
34	**Continuous Members 6 (Member No. 276,8125,330,290,11352,332,11365,298,334)**						
	11365	0.180	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	11352	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	334	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	8125	0.038	RC9	0.05	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	8125	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	332	0.260	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	11365	0.180	RC9	0.22	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	11352	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	298	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	276	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	332	0.520	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	276	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	11365	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
35	**Continuous Members 7 (Member No. 278,4977,335,291,337,9964,299,339)**						
	335	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	4977	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	299	0.000	RC9	0.23	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	278	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	335	0.000	RC9	0.08	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	4977	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	339	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	4977	0.000	RC9	0.14	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	4977	0.000	RC9	0.10	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	4977	0.000	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	4977	0.000	RC9	0.09	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	299	0.000	RC9	0.23	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	278	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	278	0.075	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	9964	0.300	RC9	0.23	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	4977	0.000	RC9	0.17	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	4977	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	4977	0.075	RC9	0.01	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	9964	0.300	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	4977	0.000	RC9	0.03	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	4977	0.000	RC9	0.34	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	4977	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	4977	0.000	RC1	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	4977	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	4977	0.000	RC1	0.16	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	4977	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
36	**Continuous Members 8 (Member No. 280,8151,336,292,11353,338,11366,300,340)**						
	11366	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	11366	0.180	RC9	0.16	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	340	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	8151	0.038	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	300	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	11366	0.180	RC9	0.16	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	292	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	300	0.000	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	11353	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	11366	0.180	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	280	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	280	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	11366	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
37	**Continuous Members 9 (Member No. 282,4979,341,293,343,9965,301,345)**						
	282	0.075	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	341	0.100	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	4979	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	301	0.000	RC9	0.33	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	341	0.000	RC9	0.14	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	4979	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	345	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	4979	0.000	RC9	0.15	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	4979	0.000	RC9	0.17	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	4979	0.000	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	4979	0.000	RC9	0.16	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	301	0.000	RC9	0.33	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	9965	0.300	RC9	0.10	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	9965	0.300	RC9	0.33	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	4979	0.000	RC9	0.28	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	301	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	301	0.000	RC9	0.11	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	4979	0.000	RC9	0.08	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	4979	0.000	RC9	0.50	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	301	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	301	0.000	RC1	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	301	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	301	0.000	RC1	0.15	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	4979	0.000	RC9	0.52	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
38	**Continuous Members 10 (Member No. 284,8186,342,294,11354,344,11367,302,346)**						
	342	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	302	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	8186	0.075	RC9	0.13	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	346	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	8186	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	302	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	342	0.000	RC9	0.05	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	342	0.000	RC9	0.03	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	8186	0.075	RC9	0.13	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	342	0.100	RC9	0.22	≤ 1	CS146)	Cross-section check - Bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	11367	0.180	RC9	0.27	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	342	0.100	RC9	0.22	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	11354	0.073	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	302	0.000	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	342	0.100	RC9	0.04	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	342	0.100	RC9	0.34	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	284	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	284	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	284	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	284	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
39	**Continuous Members 11 (Member No. 286,4980,347,295,349,9966,303,351)**						
	347	0.100	RC9	0.13	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	4980	0.000	RC9	0.18	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	286	0.075	RC1	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	9966	0.150	RC9	0.10	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	4980	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	9966	0.150	RC9	0.10	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	4980	0.000	RC9	0.13	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	4980	0.000	RC9	0.05	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	4980	0.000	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	4980	0.000	RC9	0.05	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	286	0.075	RC1	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	286	0.075	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	295	0.300	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	4980	0.000	RC9	0.13	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	347	0.050	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	9966	0.000	RC9	0.16	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	4980	0.000	RC9	0.02	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	4980	0.000	RC9	0.38	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	4980	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	4980	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	4980	0.000	RC9	0.84	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
40	**Continuous Members 12 (Member No. 288,8203,348,296,11362,11355,350,11375,11368,304,352)**						
	348	0.100	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	8203	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	11375	0.060	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	11375	0.000	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	11375	0.060	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	304	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	11375	0.060	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	11355	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	11375	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	288	0.075	RC1	0.12	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	288	0.075	RC1	0.16	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	8203	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
41	**Continuous Members 17 (Member No. 365,385,4982,386,9967,387,9968,388,389,11627)**						
	385	0.250	RC9	0.11	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	365	0.000	RC9	0.15	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	388	0.000	RC9	0.06	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	386	0.000	RC9	0.06	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	4982	0.000	RC9	0.08	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	388	0.000	RC9	0.10	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	385	0.250	RC9	0.28	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	11627	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	9968	0.300	RC9	0.10	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	4982	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	4982	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	365	0.000	RC9	0.88	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
42	**Continuous Members 18 (Member No. 366,390,4983,391,1534,392,11404,11391,393,394,11610)**						
	11404	0.457	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	11391	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	394	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	391	0.000	RC9	0.07	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	4983	0.000	RC9	0.07	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1534	0.225	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	11391	0.291	RC1	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	11610	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	391	0.000	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	391	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	4983	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	391	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
							6.3.1.1 and 6.3.1.2
	11404	0.000	RC9	0.53	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
43	**Continuous Members 17 (Member No. 367,395,4985,396,9969,397,9970,398,399,11628)**						
	395	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	396	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	9969	0.225	RC9	0.07	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	398	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	4985	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	11628	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	9969	0.225	RC9	0.07	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	395	0.250	RC9	0.06	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	9970	0.300	RC9	0.25	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	11628	0.110	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	395	0.250	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	4985	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	395	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	4985	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	367	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
44	**Continuous Members 18 (Member No. 368,400,4986,401,4984,402,11405,11392,403,404,11611)**						
	11392	0.291	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	11392	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	11405	0.457	RC9	0.12	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	404	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	401	0.075	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	11611	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	11405	0.457	RC9	0.12	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	401	0.000	RC9	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	11392	0.291	RC9	0.20	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	11611	0.000	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	403	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	11392	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
45	**Continuous Members 17 (Member No. 369,405,6907,406,9971,407,9972,408,409,11629)**						
	6907	0.050	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	369	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	405	0.250	RC9	0.30	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	408	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	406	0.075	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	409	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	405	0.250	RC9	0.30	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	405	0.250	RC9	0.11	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	406	0.000	RC9	0.34	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	11629	0.000	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	6907	0.050	RC9	0.11	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	6907	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	369	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6907	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	6907	0.000	RC9	0.46	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
46	**Continuous Members 18 (Member No. 370,410,6908,411,4987,412,11406,11393,413,414,11612)**						
	11393	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	411	0.000	RC9	0.26	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	6908	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	411	0.075	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	6908	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	411	0.000	RC9	0.26	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	411	0.000	RC9	0.08	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force a

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
							acc. to 6.2.6, 6.2.7 and 6.2.9
	411	0.000	RC9	0.29	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	6908	0.000	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	6908	0.050	RC9	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	370	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	11612	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	370	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	411	0.000	RC9	0.42	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
47	**Continuous Members 17 (Member No. 371,415,6910,416,9973,417,9974,418,419,11630)**						
	9974	0.300	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	9974	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	9974	0.150	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	416	0.000	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	9974	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	416	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	418	0.000	RC9	0.23	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	6910	0.000	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	9974	0.300	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9974	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9974	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9974	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
48	**Continuous Members 18 (Member No. 372,420,6911,421,6909,11646,422,11407,11394,11395,423,424,11613)**						
	11395	0.291	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	11395	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	372	0.100	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	11395	0.146	RC9	0.06	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	6909	0.075	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	11395	0.146	RC9	0.06	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	11394	0.000	RC9	0.10	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	11394	0.004	RC9	0.07	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	11394	0.004	RC9	0.04	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	11394	0.004	RC9	0.08	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	372	0.100	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	424	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	11395	0.000	RC9	0.26	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	11394	0.009	RC9	0.27	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	422	0.051	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	11395	0.000	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	11394	0.000	RC9	0.08	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	11394	0.000	RC9	0.45	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	421	0.150	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	421	0.150	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	11395	0.000	RC9	0.45	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
49	**Continuous Members 5 (Member No. 426,11659,481,441,7587,483,7268,449,485)**						
	7268	0.180	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	7268	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	7587	0.073	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	449	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	11659	0.000	RC9	0.07	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	11659	0.000	RC9	0.07	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	7587	0.073	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	483	0.520	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	7268	0.180	RC9	0.20	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	7587	0.073	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and a

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Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
							axial force acc. to 6.2.9.1
	449	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	426	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	426	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	7268	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
50	**Continuous Members 6 (Member No. 428,7028,482,442,3671,484,450,486)**						
	428	0.075	RC9	0.08	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	428	0.000	RC9	0.15	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	484	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	484	0.400	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	7028	0.038	RC9	0.06	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	7028	0.000	RC9	0.07	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	484	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	428	0.038	RC9	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	442	0.300	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	484	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	428	0.075	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	486	0.100	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	486	0.100	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	428	0.000	RC9	0.73	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
51	**Continuous Members 7 (Member No. 430,11660,487,443,7588,489,7269,451,491)**						
	7588	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	7588	0.073	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	451	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	11660	0.038	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	11660	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	7588	0.073	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	7269	0.180	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	7269	0.180	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	443	0.555	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	7269	0.180	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	491	0.100	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	491	0.100	RC1	0.14	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	489	0.520	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	491	0.100	RC1	0.19	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	7269	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
52	**Continuous Members 8 (Member No. 432,7029,488,444,5434,490,452,492)**						
	444	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	432	0.075	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	432	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	432	0.075	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	492	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	490	0.400	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	7029	0.075	RC1	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	7029	0.038	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	432	0.075	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	492	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	432	0.075	RC9	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	490	0.700	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	7029	0.000	RC1	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	432	0.075	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	492	0.100	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	492	0.100	RC1	0.06	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2

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Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	492	0.100	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	492	0.100	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	432	0.000	RC9	0.53	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
53	**Continuous Members 9 (Member No. 434,11661,493,445,7589,495,7271,453,497)**						
	453	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	493	0.100	RC9	0.17	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	453	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	11661	0.038	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	453	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	493	0.100	RC9	0.17	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	493	0.100	RC9	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	453	0.000	RC9	0.24	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	7589	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	453	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	434	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	493	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	434	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	434	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
54	**Continuous Members 10 (Member No. 436,7030,494,446,5435,496,454,498)**						
	446	0.300	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	436	0.075	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	436	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	7030	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	496	0.400	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	494	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	7030	0.075	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	7030	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	7030	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	496	0.400	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	454	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	454	0.000	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	436	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	436	0.075	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	498	0.100	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	498	0.100	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	436	0.000	RC9	0.46	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
55	**Continuous Members 11 (Member No. 438,11662,499,447,11349,11342,501,7584,7272,455,503)**						
	499	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	438	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	499	0.100	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	7584	0.060	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	11662	0.038	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	7584	0.060	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	499	0.100	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	455	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	447	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	11342	0.145	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	7584	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	438	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
56	**Continuous Members 12 (Member No. 440,7031,500,448,6564,502,456,504)**						
	440	0.075	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	440	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	7031	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	6564	0.400	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 -

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
							- Class 1 or 2
	502	0.700	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	7031	0.075	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	502	0.700	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	7031	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	6564	0.400	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	502	0.400	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	440	0.075	RC9	0.23	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	6564	0.400	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	440	0.075	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	440	0.000	RC9	0.49	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
57	**Continuous Members 17 (Member No. 517,537,6969,538,6934,539,11414,11378,540,541,11614)**						
	11378	0.291	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	538	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	11378	0.291	RC9	0.18	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	539	0.026	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	6969	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	538	0.000	RC9	0.07	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	6969	0.000	RC9	0.08	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	11378	0.291	RC9	0.18	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	539	0.026	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	538	0.000	RC9	0.05	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	11378	0.291	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	6934	0.450	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	538	0.150	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	517	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	539	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	517	0.000	RC1	0.09	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	538	0.000	RC9	0.51	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
58	**Continuous Members 18 (Member No. 518,542,11682,7033,543,7034,544,6594,545,546,11683,7035,11674)**						
	11682	0.075	RC9	0.08	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	11682	0.000	RC9	0.12	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	545	0.000	RC9	0.06	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	543	0.000	RC9	0.11	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	7033	0.000	RC9	0.11	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	543	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	546	0.042	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	7033	0.000	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	11683	0.000	RC9	0.18	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	518	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	518	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	518	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	11682	0.000	RC9	1.01	> 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
59	**Continuous Members 17 (Member No. 519,547,6971,548,6999,549,11415,11379,550,551,11615)**						
	11379	0.291	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	11379	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	6999	0.000	RC9	0.09	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	11615	0.055	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	6971	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	6971	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	6999	0.000	RC9	0.09	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	11379	0.291	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	550	0.000	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	11615	0.000	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	548	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	519	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	519	0.000	RC1	0.14	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	519	0.000	RC1	0.23	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	11379	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
60	**Continuous Members 18 (Member No. 520,552,11684,7036,553,7037,554,6595,555,556,11685,7038,11675)**						
	11684	0.075	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	11685	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	6595	0.300	RC9	0.07	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	552	0.087	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	555	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	553	0.075	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	556	0.000	RC9	0.06	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	11684	0.000	RC9	0.05	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	11684	0.000	RC9	0.04	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	11684	0.038	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	11684	0.000	RC9	0.04	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	6595	0.300	RC9	0.07	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	552	0.087	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	552	0.175	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	7038	0.000	RC9	0.31	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	7036	0.000	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	11684	0.075	RC9	0.01	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	11685	0.000	RC9	0.14	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	11684	0.000	RC9	0.01	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	11684	0.000	RC9	0.17	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	520	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	11684	0.075	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	520	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	11684	0.000	RC9	0.52	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
61	**Continuous Members 17 (Member No. 521,557,6972,558,7000,559,11416,11380,560,561,11616)**						
	559	0.051	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	558	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	6972	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	558	0.075	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	6972	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	558	0.000	RC9	0.22	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	11380	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	558	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	521	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	521	0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	558	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
62	**Continuous Members 18 (Member No. 522,562,11686,7039,563,7040,564,6596,565,566,11687,7056,11676)**						
	11686	0.075	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	11687	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	564	0.500	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	11686	0.075	RC1	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	7039	0.000	RC9	0.07	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	563	0.075	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	7039	0.000	RC9	0.07	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	11686	0.000	RC9	0.09	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	11686	0.000	RC9	0.08	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
							6.2.7(9)
	11686	0.038	RC9	0.00	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	11686	0.000	RC9	0.08	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	564	0.500	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	11686	0.075	RC1	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	563	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	11686	0.000	RC9	0.02	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	7056	0.000	RC9	0.32	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	562	0.087	RC9	0.09	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	7056	0.000	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	11687	0.000	RC9	0.13	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	11686	0.000	RC9	0.03	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	11686	0.000	RC9	0.29	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	522	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	522	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	7056	0.000	RC9	0.49	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
63	**Continuous Members 17 (Member No. 523,567,11652,568,7001,11647,569,11417,11381,11382,570,571,11617)**						
	11382	0.291	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	11382	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	571	0.000	RC9	0.16	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	11652	0.025	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	11382	0.146	RC9	0.08	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	569	0.026	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	7001	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	11381	0.000	RC9	0.09	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	11381	0.004	RC9	0.10	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	11381	0.004	RC9	0.02	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	11381	0.004	RC9	0.10	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	571	0.000	RC9	0.16	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	11652	0.025	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	571	0.055	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	11382	0.291	RC9	0.21	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	568	0.150	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	11382	0.000	RC9	0.19	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	11381	0.000	RC9	0.23	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	11381	0.000	RC9	0.72	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	11382	0.000	RC9	0.69	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
64	**Continuous Members 18 (Member No. 524,572,11688,7067,573,7078,574,6597,575,576,11689,7089,11677)**						
	6597	0.300	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	11689	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	524	0.050	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	573	0.075	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	6597	0.150	RC9	0.08	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	573	0.075	RC1	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	6597	0.150	RC9	0.08	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	7078	0.000	RC9	0.07	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	6597	0.000	RC9	0.08	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	7078	0.150	RC9	0.02	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	6597	0.000	RC9	0.08	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	524	0.050	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	573	0.075	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	11689	0.000	RC9	0.05	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force a

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
							acc. to 6.2.6, 6.2.7 and 6.2.9
	576	0.085	RC9	0.03	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	11689	0.000	RC9	0.25	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	7078	0.150	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	6597	0.000	RC9	0.19	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	6597	0.000	RC9	0.17	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	6597	0.000	RC9	0.60	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	7067	0.050	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	7067	0.050	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	7067	0.050	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	6597	0.000	RC9	0.61	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
65	**Continuous Members 1 (Member No. 578,6938,584-586)**						
	578	0.038	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	584	0.100	RC9	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	6938	0.000	RC9	0.15	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	578	0.000	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	578	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	585	0.400	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	6938	0.000	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	585	0.400	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	6938	0.000	RC9	0.14	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	6938	0.000	RC9	0.03	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	6938	0.000	RC9	0.03	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	6938	0.000	RC9	0.04	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	578	0.000	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	578	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	6938	0.075	RC9	0.02	≤ 1	CS156)	Cross-section check - Bending about z-axis, shear force and torsion acc. to 6.2.5 to 6.2.8
	578	0.075	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	585	0.700	RC9	0.21	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	584	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	6938	0.075	RC9	0.03	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	585	0.700	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	6938	0.000	RC9	0.01	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	6938	0.000	RC9	0.28	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	584	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	584	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6938	0.000	RC9	0.60	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
66	**Continuous Members 2 (Member No. 580,11663,587,11363,11364,11356,588,11376,11369,11377,589)**						
	587	0.100	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	11663	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	588	0.400	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	11356	0.073	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	11363	0.150	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	11376	0.060	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	11376	0.120	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	588	0.400	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	11356	0.073	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	11364	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	11376	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	11364	0.000	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	11376	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	11663	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	11663	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	11663	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
67	**Continuous Members 17 (Member No. 593,595,6939,6879,596,597,6876)**						
	595	0.250	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	593	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	6939	0.050	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	6939	0.050	RC9	0.05	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	6939	0.050	RC9	0.07	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	6939	0.200	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	6939	0.050	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	6939	0.200	RC9	0.16	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	596	0.500	RC9	0.15	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	593	0.000	RC9	0.63	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
68	**Continuous Members 18 (Member No. 594,598,11642,11657,11643,11634,11648,599,11408,11396,11397,11403,600,11618)**						
	599	0.051	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	11648	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	11396	0.000	RC9	0.34	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	11643	0.075	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	11657	0.000	RC9	0.04	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	11643	0.000	RC9	0.06	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	11396	0.000	RC9	0.11	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	11634	0.150	RC9	0.04	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	11396	0.009	RC9	0.06	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	11396	0.000	RC9	0.07	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	11396	0.000	RC9	0.34	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	11396	0.004	RC9	0.11	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	11396	0.000	RC9	0.13	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	11396	0.000	RC9	0.33	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	11396	0.009	RC9	0.13	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	11643	0.150	RC9	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	11396	0.000	RC9	0.13	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	11396	0.000	RC9	0.11	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	11396	0.000	RC9	0.53	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	11648	0.000	RC9	0.61	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
69	**Continuous Members 1 (Member No. 602,11664,608,11350,11351,11343,609,7585,7273,7586,610)**						
	610	0.100	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	602	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	11351	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	11350	0.150	RC9	0.06	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	11664	0.000	RC9	0.04	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	11350	0.300	RC9	0.06	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	7585	0.000	RC9	0.05	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	7585	0.000	RC9	0.03	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	7585	0.060	RC9	0.03	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	7585	0.000	RC9	0.04	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	11351	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	11350	0.300	RC9	0.10	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	11350	0.300	RC9	0.33	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	11351	0.255	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	11350	0.300	RC9	0.10	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	7585	0.000	RC9	0.03	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	7585	0.000	RC9	0.29	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	602	0.000	RC9	0.56	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
70	**Continuous Members 2 (Member No. 604,7100,611,6565,612,613)**						
	604	0.075	RC9	0.10	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	604	0.000	RC9	0.18	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	6565	0.200	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	6565	0.400	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	611	0.400	RC9	0.07	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	7100	0.038	RC9	0.04	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	611	0.400	RC9	0.07	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	6565	0.200	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	6565	0.400	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	611	0.400	RC9	0.10	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	604	0.075	RC9	0.26	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	612	0.400	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	611	0.400	RC9	0.14	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	604	0.000	RC9	0.84	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
71	**Continuous Members 17 (Member No. 617,619,11644,11658,11645,11635,11649,620,11418,11383,11384,11390,621,11619)**						
	11658	0.050	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	617	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	11644	0.050	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	11418	0.224	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	11645	0.075	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	620	0.026	RC9	0.05	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	11645	0.000	RC9	0.06	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	11383	0.000	RC9	0.10	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	11383	0.000	RC9	0.03	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	11383	0.004	RC9	0.04	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	11383	0.000	RC9	0.06	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	11644	0.050	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	11418	0.224	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	11635	0.150	RC9	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	11383	0.000	RC1	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	11383	0.000	RC9	0.09	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	11645	0.150	RC9	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	11384	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	11383	0.000	RC9	0.07	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	11383	0.000	RC9	0.41	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	617	0.000	RC9	0.50	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
72	**Continuous Members 18 (Member No. 618,622,11690,6903,7265,6906,6877,623,6598,624,11691,6878,11673)**						
	6903	0.050	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	11690	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	622	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	6598	0.000	RC9	0.07	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	7265	0.000	RC9	0.05	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	6906	0.075	RC9	0.08	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	6877	0.000	RC9	0.09	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	6877	0.000	RC9	0.08	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	6877	0.000	RC9	0.06	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	6877	0.000	RC9	0.10	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	622	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	6598	0.000	RC9	0.24	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	6877	0.150	RC9	0.11	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	6877	0.150	RC1	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	623	0.500	RC9	0.14	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	6598	0.000	RC9	0.25	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial f

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
							force acc. to 6.2.10 and 6.2.9
	6877	0.150	RC9	0.11	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	6877	0.150	RC9	0.50	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	11690	0.000	RC9	0.75	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
73	**Continuous Members 73 (Member No. 643,728,1000,9632,729,9630,998,730)**						
	730	0.150	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	643	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	730	0.150	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	9630	0.120	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	643	0.075	RC9	0.05	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	9630	0.120	RC9	0.06	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	998	0.000	RC9	0.10	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	728	0.000	RC9	0.02	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	998	0.030	RC9	0.02	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	998	0.000	RC9	0.03	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	730	0.150	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	728	0.060	RC9	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1000	0.440	RC9	0.20	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	728	0.030	RC9	0.11	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	9632	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	729	0.500	RC9	0.03	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	9630	0.000	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	728	0.060	RC9	0.04	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	728	0.060	RC9	0.34	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	643	0.000	RC9	0.56	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
74	**Continuous Members 74 (Member No. 644,731,1001,9628,732,9626,999,733)**						
	1001	0.440	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	644	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1001	0.220	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	999	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1001	0.220	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	731	0.030	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	731	0.030	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	999	0.000	RC9	0.10	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	9626	0.240	RC9	0.02	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	9626	0.120	RC9	0.07	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	9626	0.120	RC9	0.08	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	1001	0.220	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	999	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	9626	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	731	0.000	RC9	0.02	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	731	0.060	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	733	0.150	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	732	0.000	RC9	0.04	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	1001	0.440	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9626	0.000	RC9	0.09	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	9626	0.000	RC9	0.43	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	644	0.000	RC9	0.57	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
75	**Continuous Members 73 (Member No. 645,734,1002,689,738,677,994,736)**						
	1002	0.040	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	645	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	738	0.350	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1002	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	736	0.000	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	1002	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	994	0.000	RC9	0.07	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	994	0.000	RC9	0.03	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	994	0.030	RC9	0.02	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	994	0.000	RC9	0.04	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	738	0.350	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	734	0.060	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	738	0.700	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	736	0.000	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	994	0.060	RC9	0.08	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	1002	0.040	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	734	0.060	RC9	0.02	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	734	0.060	RC9	0.25	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	645	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
76	**Continuous Members 74 (Member No. 646,735,1003,690,739,678,995,737)**						
	1003	0.040	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	646	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1003	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	737	0.075	RC9	0.04	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	737	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	995	0.000	RC9	0.08	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	995	0.000	RC9	0.02	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	735	0.000	RC9	0.02	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	735	0.000	RC9	0.03	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	690	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	735	0.060	RC9	0.01	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	739	0.700	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	995	0.060	RC9	0.03	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	737	0.075	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	995	0.000	RC9	0.02	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	737	0.150	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	735	0.060	RC9	0.01	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	735	0.060	RC9	0.19	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	646	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
77	**Continuous Members 73 (Member No. 647,740,1004,691,744,679,996,742)**						
	647	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	679	0.000	RC9	0.06	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	742	0.000	RC1	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	742	0.075	RC1	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	691	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	647	0.075	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1004	0.040	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	647	0.000	RC1	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
78	**Continuous Members 74 (Member No. 648,741,1005,692,745,680,997,743)**						
	648	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1005	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	743	0.000	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	743	0.075	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1005	0.040	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	743	0.075	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1005	0.040	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	648	0.000	RC1	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
79	**Continuous Members 73 (Member No. 649,746,693,750,681,748)**						
	649	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	649	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	748	0.000	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	748	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	746	0.100	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	681	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	746	0.100	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	693	0.000	RC1	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
80	**Continuous Members 74 (Member No. 650,747,694,751,682,749)**						
	650	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	749	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	749	0.000	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	749	0.000	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	694	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	682	0.050	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	747	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	694	0.000	RC1	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
81	**Continuous Members 73 (Member No. 651,752,695,756,683,754)**						
	752	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	651	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	695	0.000	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	651	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	754	0.000	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	754	0.000	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	695	0.000	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	756	0.700	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	695	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	754	0.150	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	752	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	651	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
82	**Continuous Members 74 (Member No. 652,753,696,757,684,755)**						
	753	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	652	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	696	0.000	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	755	0.075	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	755	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	755	0.000	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	755	0.000	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	696	0.000	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	755	0.075	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	755	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	696	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	755	0.150	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	755	0.150	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	652	0.000	RC1	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
83	**Continuous Members 73 (Member No. 653,758,697,762,1026,685,1010,760)**						
	758	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	653	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1026	0.000	RC9	0.17	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	685	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	760	0.000	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	760	0.000	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1026	0.000	RC9	0.17	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	697	0.000	RC9	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	697	0.000	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force a

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
							acc. to 6.2.9.1
	760	0.150	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	758	0.100	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	653	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
84	**Continuous Members 74 (Member No. 654,759,698,763,1027,686,1011,761)**						
	654	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	686	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	761	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	761	0.075	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	759	0.100	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1027	0.000	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	761	0.150	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1027	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	654	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	654	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	654	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
85	**Continuous Members 73 (Member No. 655,764,699,780,1028,687,1012,778)**						
	655	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	687	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	778	0.000	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	778	0.000	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1028	0.000	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	687	0.040	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	764	0.100	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	687	0.000	RC9	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	687	0.000	RC9	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	655	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
86	**Continuous Members 74 (Member No. 656,765,700,781,1029,688,1013,779)**						
	656	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	688	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	779	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	779	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1029	0.000	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	688	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1029	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	656	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	656	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	656	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
87	**Continuous Members 73 (Member No. 766,1030,1014)**						
	766	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1014	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	766	0.620	RC1	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1014	0.210	RC1	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1014	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	766	0.310	RC1	0.38	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	766	0.000	RC1	0.39	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	766	0.000	RC9	0.49	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
88	**Continuous Members 74 (Member No. 769,1031,1015)**						
	1015	0.210	RC1	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	769	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1031	0.630	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1015	0.105	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1015	0.210	RC1	0.04	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1015	0.210	RC1	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1031	0.630	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1015	0.210	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force a

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
							acc. to 6.2.6, 6.2.7 and 6.2.9
	1015	0.105	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1015	0.000	RC1	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1015	0.210	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	769	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	769	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	769	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
89	**Continuous Members 73 (Member No. 772,1032,1018)**						
	772	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1018	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	772	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	772	0.045	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	772	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	772	0.090	RC1	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	772	0.000	RC1	0.02	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	772	0.090	RC1	0.04	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	772	0.090	RC1	0.04	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	1018	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	772	0.090	RC9	0.05	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1032	0.315	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	772	0.000	RC9	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	772	0.090	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	772	0.000	RC1	0.04	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	772	0.000	RC1	0.32	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	772	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
90	**Continuous Members 74 (Member No. 775,1033,1019)**						
	1019	0.210	RC1	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	775	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	775	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	775	0.090	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	775	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1019	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1033	0.315	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1019	0.105	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	775	0.090	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	775	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
91	**Continuous Members 91 (Member No. 800,1056,197,9629,198,1054)**						
	197	0.390	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	800	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	9629	0.000	RC1	0.08	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	197	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	9629	0.410	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1054	0.040	RC9	0.05	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1054	0.040	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	800	0.000	RC9	0.13	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	800	0.000	RC9	0.07	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	198	0.025	RC9	0.08	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	800	0.000	RC9	0.09	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	9629	0.000	RC1	0.08	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	197	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	9629	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	197	0.195	RC9	0.01	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	9629	0.000	RC1	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force a

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
							acc. to 6.2.9.1
	800	0.110	RC9	0.09	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	197	0.195	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1054	0.080	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9629	0.000	RC9	0.31	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	9629	0.000	RC9	0.80	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	1056	0.260	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1056	0.260	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	800	0.000	RC9	0.81	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
92	**Continuous Members 92 (Member No. 801,1057,199,9625,200,1055)**						
	199	0.390	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	801	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	801	0.110	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	9625	0.205	RC9	0.05	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	801	0.110	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1055	0.000	RC9	0.16	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	801	0.000	RC9	0.06	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	801	0.055	RC9	0.08	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	801	0.055	RC9	0.10	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	9625	0.000	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1055	0.000	RC9	0.01	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	1055	0.080	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	199	0.000	RC9	0.04	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	199	0.195	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	199	0.195	RC9	0.10	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	9625	0.205	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9625	0.000	RC9	0.37	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	9625	0.000	RC9	0.87	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	801	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	801	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	801	0.000	RC9	0.85	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
93	**Continuous Members 91 (Member No. 802,1058,816,938,818,939,1061)**						
	802	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1058	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	802	0.000	RC9	0.04	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	802	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	939	0.000	RC9	0.12	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	1058	0.000	RC9	0.03	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	939	0.025	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	1058	0.000	RC9	0.03	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	1058	0.140	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1058	0.140	RC9	0.02	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	938	0.690	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1061	0.000	RC9	0.12	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1058	0.070	RC9	0.11	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	938	0.690	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1058	0.140	RC9	0.02	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	1058	0.140	RC9	0.25	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	802	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	802	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	802	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
94	**Continuous Members 92 (Member No. 803,1059,934-937,1060)**						
	1059	0.140	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	803	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1059	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1060	0.040	RC9	0.04	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1060	0.040	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1060	0.000	RC9	0.15	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	1060	0.000	RC9	0.03	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	1060	0.040	RC9	0.11	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	1060	0.040	RC9	0.11	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	935	0.690	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	934	0.000	RC9	0.01	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	1059	0.140	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1060	0.080	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1060	0.080	RC9	0.23	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	1059	0.140	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1060	0.080	RC9	0.05	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	1060	0.080	RC9	0.38	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	803	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
95	**Continuous Members 91 (Member No. 804,1062,817,944,819,945,1065)**						
	804	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	945	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	945	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	945	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	944	0.690	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1065	0.080	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	817	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	804	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	804	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	804	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
96	**Continuous Members 92 (Member No. 805,1063,940-943,1064)**						
	805	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1063	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1064	0.080	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	943	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1064	0.000	RC9	0.05	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	1064	0.000	RC9	0.01	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	1064	0.080	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	1064	0.000	RC9	0.01	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	942	0.000	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1064	0.000	RC9	0.01	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	1064	0.080	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1064	0.080	RC9	0.02	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	942	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1064	0.080	RC9	0.00	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	1064	0.080	RC9	0.09	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	805	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	805	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	805	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
97	**Continuous Members 91 (Member No. 806,946-949)**						
	946	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	948	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	949	0.130	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	949	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	946	0.000	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force a

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
							acc. to 6.2.9.1
	806	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	947	0.690	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	806	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	806	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	806	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
98	**Continuous Members 92 (Member No. 807,950-953)**						
	952	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	953	0.065	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	953	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	953	0.065	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	952	0.000	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	953	0.065	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	952	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	807	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	807	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	807	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
99	**Continuous Members 91 (Member No. 808,954-957)**						
	808	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	808	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	808	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	957	0.130	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	957	0.130	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	956	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	954	0.060	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	956	0.110	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	808	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	808	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	808	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	808	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
100	**Continuous Members 92 (Member No. 809,958-961)**						
	809	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	809	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	961	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	961	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	961	0.000	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	961	0.130	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	958	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	961	0.130	RC1	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	961	0.130	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	809	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	809	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	809	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
101	**Continuous Members 91 (Member No. 810,1066,962-965,1068)**						
	810	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1066	0.140	RC9	0.14	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1066	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1068	0.040	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	965	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1066	0.140	RC9	0.14	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1066	0.140	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1066	0.140	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1068	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	962	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	810	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	810	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	810	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
102	**Continuous Members 92 (Member No. 811,1067,966-969,1069)**						
	811	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1067	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1069	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	969	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1069	0.000	RC9	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	1069	0.000	RC9	0.02	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	1069	0.000	RC9	0.02	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	1069	0.000	RC9	0.03	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	1067	0.140	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1069	0.040	RC9	0.01	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	1069	0.080	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1069	0.040	RC9	0.03	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	966	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1069	0.080	RC9	0.00	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	1069	0.080	RC9	0.12	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	811	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	811	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	811	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
103	**Continuous Members 91 (Member No. 812,1070,970-973,1076)**						
	1076	0.080	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	812	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	972	0.000	RC9	0.11	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	973	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1076	0.080	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	973	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	972	0.000	RC9	0.11	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1076	0.080	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1070	0.140	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	812	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1070	0.140	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	812	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	812	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	972	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
104	**Continuous Members 92 (Member No. 813,1071,974-977,1077)**						
	813	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	976	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1077	0.040	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	977	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1077	0.000	RC9	0.07	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	1077	0.000	RC9	0.01	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	1077	0.000	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	1077	0.000	RC9	0.01	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	1071	0.140	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1077	0.040	RC9	0.01	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	1077	0.040	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1077	0.000	RC9	0.01	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	974	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1077	0.080	RC9	0.00	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	1077	0.080	RC9	0.10	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	813	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	813	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	976	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
105	**Continuous Members 91 (Member No. 814,1072,978,979,1078)**						
	1078	0.080	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	814	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1078	0.080	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1078	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1078	0.080	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1078	0.040	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1078	0.080	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1078	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	814	0.055	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	814	0.055	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	814	0.110	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	814	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	814	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	814	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
106	**Continuous Members 92 (Member No. 815,1073,980,981,1079)**						
	815	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1079	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1079	0.040	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1079	0.040	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1079	0.000	RC9	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	1079	0.000	RC9	0.02	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	1079	0.040	RC9	0.03	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	1079	0.040	RC9	0.03	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	981	0.025	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1079	0.000	RC9	0.05	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	815	0.110	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	815	0.110	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1079	0.000	RC9	0.00	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	1079	0.000	RC9	0.14	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	815	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	981	0.050	RC1	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	815	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	981	0.050	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	815	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
107	**Continuous Members 91 (Member No. 836,1074,982,983,1080)**						
	836	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	982	0.400	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1080	0.080	RC1	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	836	0.110	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1080	0.080	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	982	0.400	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	836	0.110	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	836	0.110	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1080	0.080	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	836	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	836	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
108	**Continuous Members 92 (Member No. 837,1075,984,985,1081)**						

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	1081	0.080	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	837	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1075	0.260	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1081	0.040	RC1	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1081	0.080	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1081	0.040	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1075	0.260	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	837	0.110	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	985	0.050	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1075	0.130	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	837	0.110	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	837	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	837	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	837	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
109	**Continuous Members 9 (Member No. 1083,6940,1108,1090,1110,9975,1094,1112)**						
	1108	0.100	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1083	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	9975	0.150	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1090	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	6940	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1090	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	9975	0.150	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1110	0.400	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1083	0.038	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	6940	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1090	0.300	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1083	0.000	RC9	0.50	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
110	**Continuous Members 10 (Member No. 1085,1109,1091,1111,1095,1113)**						
	1109	0.100	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1085	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1111	0.700	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1111	0.700	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1111	0.400	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1111	0.700	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1111	0.700	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1111	0.400	RC9	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1091	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1095	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1111	0.400	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1085	0.000	RC9	0.45	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
111	**Continuous Members 11 (Member No. 1087,6941,1114,1092,1116,9976,1096,1118)**						
	1114	0.100	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1087	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1096	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1118	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1118	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	9976	0.300	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1087	0.075	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	9976	0.300	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1087	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6941	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1087	0.000	RC1	0.09	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	1087	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
112	**Continuous Members 12 (Member No. 1089,1115,1093,1117,1097,1119)**						

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	1115	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1089	0.000	RC1	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1117	0.700	RC9	0.10	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1119	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1119	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1119	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1117	0.700	RC9	0.10	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1097	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1117	0.700	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1117	0.700	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1097	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1089	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1089	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	1089	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
113	**Continuous Members 11 (Member No. 1121,6942,1131,1124,1133,9977,1126,1135)**						
	1131	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1121	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1126	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	9977	0.300	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1135	0.150	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1135	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1124	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1135	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	9977	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1121	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1133	0.400	RC1	0.10	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	1124	0.700	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1133	0.400	RC1	0.14	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	1121	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
114	**Continuous Members 12 (Member No. 1123,1132,1125,1134,1127,1136)**						
	1132	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1123	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1136	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1136	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1136	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1134	0.700	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1134	0.700	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1136	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1132	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1123	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1123	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1123	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	1123	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
115	**Continuous Members 11 (Member No. 1138,6965,1148,1141,1150,9978,1143,1152)**						
	1138	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1143	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1152	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1152	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1143	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1141	0.700	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	9978	0.300	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1138	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1141	0.000	RC1	0.13	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	1138	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1141	0.000	RC1	0.18	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	1138	0.000	RC1	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
116	**Continuous Members 12 (Member No. 1140,1149,1142,1151,1144,1153)**						
	1140	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1153	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1153	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1153	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1144	0.000	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1151	0.400	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1149	0.100	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1140	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1142	0.700	RC1	0.17	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	1142	0.700	RC1	0.24	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	1140	0.000	RC1	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
117	**Continuous Members 11 (Member No. 1155,6968,1165,1158,1167,9979,1160,1169)**						
	1160	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1160	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1169	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1169	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1160	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1155	0.075	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	9979	0.300	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1155	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1155	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1160	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
118	**Continuous Members 12 (Member No. 1157,1166,1159,1168,1161,1170)**						
	1161	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1170	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1170	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1170	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1170	0.150	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1170	0.150	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1168	0.700	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1157	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1157	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	1161	0.000	RC1	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
119	**Continuous Members 11 (Member No. 1522,7025,3855,1525,4309,11086,2925,4319)**						
	1522	0.075	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1522	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1522	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	7025	0.038	RC9	0.04	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	7025	0.038	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	3855	0.100	RC9	0.06	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1525	0.300	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	11086	0.150	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1525	0.000	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1522	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1522	0.000	RC1	0.08	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	1522	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1522	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	1522	0.000	RC9	0.57	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
120	**Continuous Members 12 (Member No. 1524,4303,2924,4313,3548,4380)**						

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	4303	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1524	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	4303	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1524	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1524	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	4303	0.100	RC9	0.10	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	4380	0.150	RC1	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	4380	0.150	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2924	0.000	RC9	0.12	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1524	0.000	RC1	0.07	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	1524	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	1524	0.000	RC9	0.63	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
121	**Continuous Members 121 (Member No. 1224,1236,1280,9987,1240,1282,11631)**						
	1224	0.250	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1224	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1224	0.250	RC1	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1280	0.165	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1282	0.020	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1280	0.165	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1224	0.250	RC1	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	11631	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1280	0.330	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	11631	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1224	0.250	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1224	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1224	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1224	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
122	**Continuous Members 122 (Member No. 1225,1237,1281,1241,1283,11620)**						
	1225	0.250	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1281	0.330	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1237	0.000	RC1	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1281	0.630	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1281	0.630	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1281	0.710	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1237	0.000	RC1	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1225	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1281	0.330	RC9	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1225	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1225	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1281	0.330	RC9	0.47	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
123	**Continuous Members 121 (Member No. 1226,1238,1284,9988,1242,1286,11632)**						
	1226	0.250	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1226	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1286	0.040	RC9	0.07	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	11632	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	11632	0.110	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	11632	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1286	0.040	RC9	0.07	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1286	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	9988	0.380	RC9	0.24	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	11632	0.110	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	9988	0.380	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1226	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1226	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1226	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
124	**Continuous Members 122 (Member No. 1227,1239,1285,1243,1287,11621)**						
	1227	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1227	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1287	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	11621	0.110	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1287	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1243	0.000	RC9	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1227	0.250	RC9	0.22	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	11621	0.055	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1239	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1227	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1227	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1227	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
125	**Continuous Members 121 (Member No. 1228,1540,1288,1289,11626,11633)**						
	11633	0.090	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	11626	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	11633	0.000	RC9	0.06	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	11626	0.020	RC1	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	11633	0.000	RC9	0.06	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	11626	0.000	RC9	0.07	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	11626	0.010	RC9	0.01	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	11626	0.000	RC9	0.04	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	11626	0.000	RC9	0.04	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	1289	0.040	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1540	0.000	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	11633	0.090	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	11633	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	11626	0.020	RC9	0.07	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	11626	0.020	RC9	0.40	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	1228	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1228	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	11626	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
126	**Continuous Members 122 (Member No. 1229,1541,1290,1291,11622,1535)**						
	1535	0.090	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1229	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1535	0.000	RC9	0.06	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1535	0.090	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1535	0.000	RC9	0.07	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1290	0.630	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1291	0.040	RC9	0.22	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1535	0.090	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1535	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	11622	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1229	0.000	RC1	0.09	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	1229	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1229	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
127	**Continuous Members 121 (Member No. 1230,1542,1256,1292,9989,1257,1293,7002,1536)**						
	1536	0.090	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1257	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	7002	0.000	RC9	0.14	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1257	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	7002	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	7002	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	7002	0.000	RC9	0.14	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	1257	0.000	RC9	0.07	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1257	0.000	RC9	0.28	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1257	0.090	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1257	0.000	RC9	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1230	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1542	0.000	RC1	0.09	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	1542	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1257	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
128	**Continuous Members 122 (Member No. 1231,1543,1258,1294,1259,1295,1537)**						
	1259	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1295	0.000	RC9	0.06	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1537	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1537	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1259	0.000	RC9	0.29	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1537	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1259	0.000	RC9	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1231	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1231	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1231	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
129	**Continuous Members 121 (Member No. 1232,1544,1260,1296,9990,1261,1297,7004,1538)**						
	1232	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1232	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1261	0.000	RC9	0.08	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1538	0.045	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	7004	0.000	RC9	0.08	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1232	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1544	0.140	RC9	0.06	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1261	0.000	RC9	0.21	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1544	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1261	0.000	RC9	0.13	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1296	0.165	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1232	0.000	RC1	0.09	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	1544	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1232	0.000	RC1	0.09	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	1232	0.000	RC9	0.45	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
130	**Continuous Members 122 (Member No. 1233,1545,1262,1298,1263,1299,1539)**						
	1233	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1299	0.000	RC9	0.08	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1539	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1299	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1263	0.000	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1539	0.045	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1263	0.000	RC9	0.14	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1233	0.000	RC9	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1233	0.000	RC9	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1233	0.000	RC9	0.48	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
131	**Continuous Members 121 (Member No. 5189,7675,5241,5942,11088,5937,5943,7027,7655)**						
	5189	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	7027	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	5189	0.000	RC9	0.07	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5943	0.000	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	5189	0.000	RC9	0.07	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	7027	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	7675	0.140	RC9	0.08	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	5942	0.165	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	5241	0.050	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	5942	0.330	RC9	0.12	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5189	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5189	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5189	0.000	RC9	0.56	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
132	**Continuous Members 122 (Member No. 5201,7689,5938,5944,11829,5939,5945,7666)**						
	5201	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5201	0.000	RC9	0.07	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	11829	0.000	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	5201	0.000	RC9	0.07	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	5944	0.330	RC9	0.35	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	7666	0.090	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	11829	0.000	RC9	0.15	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5201	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5201	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5201	0.000	RC9	0.60	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
133	**Continuous Members 9 (Member No. 1305,1330,1312,1332,1316,1334)**						
	1330	0.100	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1305	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1316	0.000	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1332	0.400	RC9	0.06	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1332	0.400	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1332	0.700	RC9	0.06	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1316	0.000	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1332	0.400	RC9	0.14	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1312	0.300	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1305	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1332	0.400	RC9	0.15	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1305	0.000	RC9	0.64	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
134	**Continuous Members 10 (Member No. 1307,7111,1331,1313,6566,1333,1317,1335)**						
	1333	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1307	0.075	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1307	0.000	RC9	0.15	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1333	0.700	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1333	0.400	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	7111	0.075	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1313	0.300	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1333	0.700	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1333	0.700	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1313	0.300	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	7111	0.038	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1307	0.075	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1307	0.000	RC9	0.71	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
135	**Continuous Members 11 (Member No. 1309,1336,1314,1338,1318,1340)**						
	1336	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1309	0.000	RC1	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1340	0.000	RC9	0.09	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1318	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1340	0.150	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1318	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1340	0.000	RC9	0.09	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1340	0.075	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force a

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
							acc. to 6.2.6, 6.2.7 and 6.2.9
	1336	0.100	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1336	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1314	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1309	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1309	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	1309	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
136	**Continuous Members 12 (Member No. 1311,7122,1337,1315,6567,1339,1319,1341)**						
	1311	0.075	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1311	0.000	RC9	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1339	0.700	RC9	0.08	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1339	0.400	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1341	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1337	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1339	0.700	RC9	0.08	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1339	0.400	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1319	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	7122	0.075	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1311	0.075	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1311	0.000	RC9	0.67	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
137	**Continuous Members 11 (Member No. 1343,1353,1346,1355,1348,1357)**						
	1353	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1343	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1353	0.100	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1348	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1357	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1348	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1353	0.100	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1346	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1353	0.100	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1355	0.400	RC1	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1353	0.100	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1343	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1346	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1343	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	1343	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
138	**Continuous Members 12 (Member No. 1345,7133,1354,1347,6568,1356,1349,1358)**						
	1345	0.075	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1345	0.000	RC9	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1349	0.000	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1354	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1356	0.700	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1354	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1349	0.000	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1358	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1349	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1354	0.000	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1345	0.075	RC9	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1345	0.000	RC9	0.58	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
139	**Continuous Members 11 (Member No. 1360,1370,1363,1372,1365,1374)**						
	1360	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1365	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1374	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1374	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1365	0.000	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	1360	0.150	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1372	0.700	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1360	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1360	0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	1360	0.000	RC1	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
140	**Continuous Members 12 (Member No. 1362,7155,1371,1364,6569,1373,1366,1375)**						
	1362	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1366	0.000	RC9	0.12	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1371	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1375	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1375	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1366	0.000	RC9	0.12	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1366	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1362	0.075	RC9	0.26	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	7155	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1362	0.075	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1373	0.000	RC9	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1366	0.000	RC1	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	6569	0.400	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1366	0.000	RC1	0.16	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	1362	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
141	**Continuous Members 11 (Member No. 1377,1387,1380,1389,1382,1391)**						
	1382	0.000	RC1	0.12	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1382	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1391	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1391	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1382	0.000	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1391	0.150	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1382	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1382	0.000	RC1	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
142	**Continuous Members 12 (Member No. 1379,7166,1388,1381,6570,1390,1383,1392)**						
	1379	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1390	0.400	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1392	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1390	0.400	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1390	0.700	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1388	0.050	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1379	0.075	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1390	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1390	0.000	RC1	0.09	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	1379	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
143	**Continuous Members 11 (Member No. 5955,6173,6166,6175,6168,6177)**						
	5955	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	6173	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	6177	0.075	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	5955	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	6177	0.075	RC1	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	5955	0.150	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	6173	0.100	RC9	0.13	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5955	0.000	RC1	0.07	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	5955	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	5955	0.000	RC9	0.61	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
144	**Continuous Members 12 (Member No. 5957,7263,6174,6167,11029,6176,6169,6178)**						
	5957	0.075	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	5957	0.000	RC1	0.12	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5957	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	7263	0.000	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	5957	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	6176	0.400	RC9	0.05	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	6176	0.400	RC9	0.00	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	6176	0.400	RC9	0.00	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	5957	0.075	RC9	0.14	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	5957	0.075	RC1	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	7263	0.000	RC9	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	5957	0.075	RC9	0.16	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	6176	0.400	RC9	0.00	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	6176	0.400	RC9	0.13	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	5957	0.000	RC9	0.82	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
145	**Continuous Members 121 (Member No. 1446,1458,1502,1462,1504,11623)**						
	1502	0.710	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1502	0.330	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1458	0.000	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1502	0.630	RC9	0.06	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1502	0.330	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1502	0.630	RC9	0.07	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1504	0.000	RC9	0.05	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	1504	0.020	RC9	0.02	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	1504	0.040	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	1504	0.020	RC9	0.02	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	1458	0.000	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1502	0.330	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1502	0.710	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1504	0.040	RC9	0.13	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	1502	0.000	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1502	0.330	RC9	0.30	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1504	0.040	RC9	0.02	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	1504	0.040	RC9	0.26	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	1502	0.330	RC9	0.77	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
146	**Continuous Members 122 (Member No. 1447,1459,1503,6605,1463,1505,11692,7232,11678)**						
	11678	0.060	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	7232	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	6605	0.000	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	6605	0.190	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	6605	0.000	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	6605	0.380	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	6605	0.000	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	6605	0.000	RC9	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	11692	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	11678	0.030	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	6605	0.000	RC9	0.11	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	11692	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	11692	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	7232	0.000	RC9	0.51	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
147	**Continuous Members 121 (Member No. 1448,1460,1506,1464,1508,11624)**						
	1448	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1448	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1460	0.100	RC9	0.14	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	1448	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1508	0.000	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1508	0.020	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1460	0.100	RC9	0.14	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1464	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1448	0.250	RC9	0.26	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	11624	0.055	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1448	0.250	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1448	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1448	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1448	0.000	RC9	0.42	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
148	**Continuous Members 122 (Member No. 1449,1461,1507,6606,1465,1509,11693,7254,11679)**						
	1449	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	7254	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1465	0.000	RC9	0.07	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	11693	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	11693	0.025	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	11693	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1465	0.000	RC9	0.07	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	11693	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1449	0.250	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	11693	0.000	RC1	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	11693	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	7254	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
149	**Continuous Members 121 (Member No. 1450,1560,1510,1511,11625,1554)**						
	1554	0.090	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1450	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1510	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1554	0.000	RC9	0.06	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1554	0.090	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1554	0.000	RC9	0.06	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1510	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1554	0.000	RC9	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1560	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1554	0.045	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1554	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1450	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1450	0.000	RC1	0.09	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	1560	0.120	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1450	0.000	RC1	0.09	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	1450	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
150	**Continuous Members 122 (Member No. 1451,1561,1512,6607,1513,11694,7260,1555,11665)**						
	11694	0.025	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	11694	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1561	0.240	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1451	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1555	0.000	RC9	0.06	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	7260	0.020	RC1	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1555	0.000	RC9	0.06	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1561	0.240	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1451	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	11694	0.025	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1451	0.110	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1513	0.015	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and a

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Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
							axial force acc. to 6.2.9.1
	11694	0.000	RC9	0.18	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1451	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1451	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	11694	0.000	RC9	0.60	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
151	**Continuous Members 121 (Member No. 1452,1562,1478,1514,1479,1515,1556)**						
	1452	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1479	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1515	0.030	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1515	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1514	0.710	RC9	0.23	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1479	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1479	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1452	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1452	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1452	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
152	**Continuous Members 122 (Member No. 1453,1563,1480,1516,6608,1481,1517,11695,7261,1557,11666)**						
	1563	0.140	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	11695	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1563	0.140	RC9	0.08	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	11695	0.000	RC9	0.07	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	7261	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	7261	0.000	RC9	0.07	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1563	0.140	RC9	0.08	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1480	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1563	0.140	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1481	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	11695	0.000	RC9	0.21	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	11695	0.000	RC9	0.60	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
153	**Continuous Members 121 (Member No. 1454,1564,1482,1518,1483,1519,1558)**						
	1454	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1483	0.000	RC9	0.08	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1558	0.090	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1519	0.000	RC9	0.08	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1518	0.710	RC9	0.29	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1483	0.090	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1483	0.000	RC9	0.09	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1454	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1454	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1454	0.000	RC9	0.42	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
154	**Continuous Members 122 (Member No. 1455,1565,1484,1520,6609,1485,1521,11696,7262,1559,11667)**						
	7262	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	11696	0.000	RC9	0.09	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	7262	0.020	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	11696	0.000	RC9	0.09	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	7262	0.010	RC9	0.39	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1485	0.045	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	11696	0.000	RC9	0.23	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1484	0.100	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1484	0.100	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	11696	0.000	RC9	0.59	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
155	**Continuous Members 121 (Member No. 6603,7740,6997,7009,11831,6998,7010,7728)**						
	6603	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	6603	0.000	RC9	0.07	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	7740	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	6603	0.000	RC9	0.07	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	7740	0.140	RC9	0.29	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	7009	0.000	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	7009	0.330	RC9	0.13	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	6603	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6603	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6998	0.000	RC9	0.51	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
156	**Continuous Members 122 (Member No. 6604,7746,7005,7011,11034,7006,7012,11702,7266,7739,11680)**						
	7266	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	6604	0.000	RC9	0.06	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	7012	0.007	RC9	0.04	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	6604	0.055	RC9	0.06	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	7746	0.140	RC9	0.24	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	7011	0.165	RC9	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	11702	0.000	RC9	0.09	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	6604	0.110	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6604	0.110	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	11702	0.000	RC9	0.52	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
157	**Continuous Members 5 (Member No. 1602,1624,1606,1674,1626,1610,1678,1628)**						
	1624	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1602	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1624	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1602	0.150	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1624	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1610	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1626	0.700	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1626	0.000	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1602	0.000	RC1	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1602	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1602	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1602	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
158	**Continuous Members 6 (Member No. 1603,1625,1607,1675,1627,1611,1679,1629)**						
	1603	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1603	0.000	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1603	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1625	0.100	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1603	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1603	0.000	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1625	0.100	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1625	0.100	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1625	0.000	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1603	0.000	RC1	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1627	0.700	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1603	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1627	0.700	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	1603	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
159	**Continuous Members 7 (Member No. 1604,1630,1608,1676,1632,1612,1680,1634)**						
	1630	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1608	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1608	0.175	RC9	0.18	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1676	0.350	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1612	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1604	0.150	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	1634	0.100	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1608	0.175	RC9	0.18	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1676	0.350	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1608	0.000	RC9	0.06	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1608	0.000	RC9	0.24	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1676	0.175	RC1	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1630	0.100	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1604	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
160	**Continuous Members 8 (Member No. 1605,1631,1609,1677,1633,1613,1681,1635)**						
	1609	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1613	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1631	0.100	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1631	0.100	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1609	0.000	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1633	0.000	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1605	0.000	RC1	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1609	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1609	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1605	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
161	**Continuous Members 17 (Member No. 1642,1650,1651,3880,1652,3881,1653,1654)**						
	1650	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1642	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1642	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1654	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1654	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1651	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1651	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1642	0.100	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1654	0.150	RC1	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1642	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1642	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1642	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
162	**Continuous Members 18 (Member No. 1643,1655,1656,3882,1657,3883,1658,1659)**						
	1656	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1643	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1659	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1659	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1656	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1659	0.150	RC1	0.23	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1659	0.150	RC1	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1643	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1643	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1643	0.000	RC1	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
163	**Continuous Members 17 (Member No. 1644,1660,1661,3904,1662,3905,1663,1664)**						
	1644	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1644	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1664	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1664	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1661	0.000	RC9	0.23	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1663	0.100	RC1	0.22	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1660	0.300	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1660	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1660	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	1644	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
164	**Continuous Members 18 (Member No. 1645,1665,1666,3906,1667,3907,1668,1669)**						
	1645	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1645	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1669	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1669	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1666	0.000	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1669	0.150	RC1	0.23	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1669	0.150	RC1	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1645	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1645	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1645	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
165	**Continuous Members 5 (Member No. 1686,1695,1688,1718,1697,1690,1720,1699)**						
	1695	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1686	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1718	0.175	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1699	0.100	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1686	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1699	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1690	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1718	0.175	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1699	0.100	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1688	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1718	0.175	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1686	0.000	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1688	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
166	**Continuous Members 6 (Member No. 1687,1696,1689,1719,1698,1691,1721,1700)**						
	1696	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1687	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1691	0.000	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1689	0.350	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1687	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1691	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1691	0.000	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1689	0.350	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1719	0.175	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1696	0.100	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1689	0.350	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1689	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1687	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
167	**Continuous Members 17 (Member No. 1704,1706,1707,3856,1708,3857,1709,1710)**						
	1708	0.650	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1707	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3857	0.150	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1709	0.100	RC9	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1709	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1709	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1709	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	3857	0.150	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1709	0.100	RC9	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1710	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1707	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3856	0.250	RC1	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	1710	0.150	RC1	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
168	**Continuous Members 18 (Member No. 1705,1711,1712,3858,1713,3859,1714,1715)**						
	1711	0.300	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1712	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1714	0.050	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	3859	0.150	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1714	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1715	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1715	0.000	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1714	0.050	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3859	0.150	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1715	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1714	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1715	0.150	RC1	0.22	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1715	0.150	RC1	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1712	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1712	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1705	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
169	**Continuous Members 7 (Member No. 1730,1743,1732,1770,1745,1734,1772,1747)**						
	1743	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1730	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1745	0.700	RC9	0.23	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1770	0.350	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1734	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1730	0.150	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1730	0.075	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1745	0.700	RC9	0.23	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1770	0.350	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1732	0.000	RC9	0.06	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1745	0.700	RC9	0.23	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1770	0.350	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1743	0.100	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1730	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1730	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1730	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
170	**Continuous Members 8 (Member No. 1731,1744,1733,1771,1746,1735,1773,1748)**						
	1731	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1735	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1748	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1731	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1733	0.000	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1746	0.000	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1744	0.100	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1731	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1731	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1731	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
171	**Continuous Members 17 (Member No. 1752,1758,1759,3912,1760,3913,1761,1762)**						
	1759	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1752	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1762	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1762	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1759	0.000	RC1	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1762	0.150	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	1758	0.300	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1759	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1759	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1759	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
172	**Continuous Members 18 (Member No. 1753,1763,1764,3914,1765,3915,1766,1767)**						
	1764	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1753	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1767	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1767	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1764	0.000	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1765	0.000	RC1	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1767	0.150	RC1	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1764	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1764	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1764	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
173	**Continuous Members 7 (Member No. 1776,1789,1778,1816,1791,1780,1818,1793)**						
	1789	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1776	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1789	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1776	0.150	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1789	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1793	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1780	0.000	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1816	0.350	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1789	0.100	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1776	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
174	**Continuous Members 8 (Member No. 1777,1790,1779,1817,1792,1781,1819,1794)**						
	1790	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1777	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1777	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1777	0.075	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1790	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1790	0.100	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1790	0.000	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1777	0.000	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1781	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1781	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1777	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
175	**Continuous Members 17 (Member No. 1798,1804,1805,3920,1806,3921,1807,1808)**						
	1804	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1798	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1798	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1798	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1798	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1807	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	3921	0.150	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1808	0.150	RC1	0.18	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1808	0.000	RC1	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1798	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
176	**Continuous Members 18 (Member No. 1799,1809,1810,3922,1811,3923,1812,1813)**						
	1809	0.300	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1799	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1810	0.000	RC9	0.07	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1812	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1813	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	1813	0.075	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1810	0.000	RC9	0.07	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3923	0.150	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	3923	0.150	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1813	0.000	RC1	0.17	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1813	0.150	RC1	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1799	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
177	**Continuous Members 7 (Member No. 1822,1831,1824,1854,1833,1826,1856,1835)**						
	1831	0.100	RC1	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1822	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1831	0.000	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1833	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1831	0.100	RC1	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1822	0.075	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1831	0.000	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1833	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1824	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1824	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1831	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1824	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1822	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1822	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1822	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
178	**Continuous Members 8 (Member No. 1823,1832,1825,1855,1834,1827,1857,1836)**						
	1823	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1834	0.700	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1823	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1823	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1823	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1834	0.700	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1832	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1827	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1823	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1832	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1827	0.050	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1827	0.050	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1823	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
179	**Continuous Members 17 (Member No. 1840,1842,1843,3928,1844,3929,1845,1846)**						
	1842	0.300	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1843	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1843	0.000	RC1	0.08	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1844	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1845	0.100	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1846	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1846	0.075	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1843	0.000	RC1	0.08	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1844	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1845	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1843	0.000	RC1	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1846	0.000	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1845	0.000	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial f

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
							force acc. to 6.2.10 and 6.2.9
	1840	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
180	**Continuous Members 18 (Member No. 1841,1847,1848,3930,1849,3931,1850,1851)**						
	1841	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1847	0.150	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1850	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1851	0.150	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1851	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1847	0.150	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1847	0.300	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1851	0.150	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1851	0.150	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1850	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1841	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
181	**Continuous Members 7 (Member No. 1860,1873,1862,1900,1875,1864,1902,1877)**						
	1873	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1860	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1862	0.350	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1902	0.050	RC1	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1862	0.350	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1875	0.700	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1862	0.000	RC1	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1875	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1875	0.700	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1860	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1862	0.175	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1860	0.000	RC1	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	1860	0.000	RC1	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
182	**Continuous Members 8 (Member No. 1861,1874,1863,1901,1876,1865,1903,1878)**						
	1861	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1865	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1874	0.100	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1901	0.175	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1863	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1861	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1874	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1861	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	1861	0.000	RC1	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
183	**Continuous Members 17 (Member No. 1882,1888,1889,5301,1890,5302,1891,1892)**						
	1882	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1882	0.100	RC1	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1892	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1892	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1888	0.300	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1889	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1892	0.150	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1889	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1882	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1882	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1882	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
184	**Continuous Members 18 (Member No. 1883,1893,1894,5303,1895,5304,1896,1897)**						
	1894	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1883	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1897	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	1897	0.075	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1894	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1896	0.100	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1897	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1883	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1883	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1883	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
185	**Continuous Members 5 (Member No. 1908,1917,1910,1940,1919,1912,1942,1921)**						
	1912	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1917	0.100	RC9	0.34	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1942	0.050	RC1	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1917	0.100	RC9	0.34	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1910	0.000	RC9	0.12	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1910	0.000	RC9	0.34	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1910	0.350	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1917	0.100	RC9	0.11	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1908	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
186	**Continuous Members 6 (Member No. 1909,1918,1911,1941,1920,1913,1943,1922)**						
	1920	0.700	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1909	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1918	0.100	RC9	0.35	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1918	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1918	0.100	RC9	0.35	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1911	0.000	RC9	0.12	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1911	0.000	RC9	0.35	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1920	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1918	0.100	RC9	0.12	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1909	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
187	**Continuous Members 17 (Member No. 1926,1928,1929,5333,1930,5334,1931,1932)**						
	1926	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1926	0.100	RC1	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1932	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1932	0.150	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1928	0.300	RC9	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1928	0.300	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1926	0.100	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1928	0.300	RC1	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1926	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
188	**Continuous Members 18 (Member No. 1927,1933,1934,5335,1935,5336,1936,1937)**						
	1934	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1933	0.000	RC1	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1937	0.150	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1937	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1933	0.300	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1927	0.100	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1933	0.300	RC1	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1936	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
189	**Continuous Members 5 (Member No. 1946,1955,1948,1978,1957,1950,1980,1959)**						
	1948	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1955	0.100	RC1	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1946	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1950	0.000	RC1	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1978	0.175	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	1950	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1950	0.000	RC1	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1978	0.175	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1950	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1950	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1946	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1957	0.700	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1946	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
190	**Continuous Members 6 (Member No. 1947,1956,1949,1979,1958,1951,1981,1960)**						
	1947	0.828	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1956	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1947	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1958	0.700	RC1	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1949	0.175	RC1	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1951	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1958	0.700	RC1	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1949	0.175	RC1	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1951	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1958	0.700	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1949	0.175	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1958	0.700	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1947	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1947	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	1947	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
191	**Continuous Members 17 (Member No. 1964,1966,1967,5317,1968,5318,1969,1970)**						
	1966	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1964	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1967	0.000	RC1	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1964	0.100	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1969	0.100	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1970	0.075	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1970	0.075	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1967	0.000	RC1	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1964	0.100	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1969	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1967	0.000	RC1	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	5317	0.250	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1969	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1964	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
192	**Continuous Members 18 (Member No. 1965,1971,1972,5319,1973,5320,1974,1975)**						
	1971	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1965	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1972	0.000	RC9	0.08	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1965	0.100	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1974	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1975	0.075	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1975	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1972	0.000	RC9	0.08	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1965	0.100	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1972	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1971	0.300	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1975	0.150	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1971	0.300	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial f

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
							force acc. to 6.2.10 and 6.2.9
	1965	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
193	**Continuous Members 7 (Member No. 1990,2003,1992,2030,2005,1994,2032,2007)**						
	2003	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1990	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2003	0.100	RC9	0.36	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1990	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2003	0.100	RC9	0.36	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2005	0.700	RC9	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	2003	0.100	RC9	0.36	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2032	0.025	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2003	0.100	RC1	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1990	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2005	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1990	0.000	RC1	0.09	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	1990	0.000	RC9	0.44	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
194	**Continuous Members 8 (Member No. 1991,2004,1993,2031,2006,1995,2033,2008)**						
	1991	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2004	0.100	RC9	0.34	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2004	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2004	0.100	RC9	0.34	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2004	0.100	RC9	0.38	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2006	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1995	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1991	0.000	RC9	0.48	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
195	**Continuous Members 17 (Member No. 2012,2018,2019,5349,2020,5350,2021,2022)**						
	2012	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2012	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2022	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2022	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2021	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2022	0.150	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2018	0.300	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2012	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2012	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2012	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
196	**Continuous Members 18 (Member No. 2013,2023,2024,5351,2025,5352,2026,2027)**						
	2013	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2013	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2027	0.150	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2027	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2026	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2026	0.100	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2023	0.300	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5351	0.250	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5351	0.250	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2013	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
197	**Continuous Members 5 (Member No. 2038,2047,2040,7487,2070,2049,9930,2042,2072,2051)**						
	2070	0.175	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2047	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2038	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	9930	0.300	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2038	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2038	0.075	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2038	0.075	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	9930	0.300	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2051	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	2049	0.400	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2047	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2047	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2038	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
198	**Continuous Members 6 (Member No. 2039,2048,2041,9911,2071,2050,9912,2043,2073,2052)**						
	2050	0.200	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	2048	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2039	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2048	0.050	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	9912	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2048	0.050	RC1	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2048	0.050	RC1	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	9911	0.000	RC1	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	2048	0.050	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2043	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	2039	0.150	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2041	0.300	RC1	0.25	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	9911	0.000	RC1	0.01	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	2041	0.300	RC1	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9911	0.000	RC1	0.00	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	9911	0.000	RC1	0.08	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	2039	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
199	**Continuous Members 17 (Member No. 2056,2058,9931,2059,5365,2060,9932,5366,2061,2062)**						
	2062	0.075	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	9931	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2059	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2061	0.000	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2062	0.150	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2061	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2062	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	9931	0.050	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2061	0.000	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2062	0.150	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2061	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	5366	0.150	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2058	0.100	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2060	0.100	RC1	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2059	0.000	RC1	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
200	**Continuous Members 18 (Member No. 2057,2063,9913,2064,5367,2065,9914,5368,2066,2067)**						
	9913	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2057	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2067	0.150	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	5367	0.250	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	9913	0.000	RC1	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2067	0.150	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	9913	0.100	RC1	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2063	0.000	RC1	0.07	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	2063	0.000	RC1	0.01	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	2063	0.100	RC1	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	2063	0.000	RC1	0.02	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	2067	0.150	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	5367	0.250	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear f

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
							force acc. to 6.2.5 and 6.2.8
	9913	0.000	RC1	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	2065	0.100	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	9913	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2065	0.100	RC1	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2063	0.200	RC1	0.01	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	2063	0.200	RC1	0.16	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	2057	0.000	RC1	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
201	**Continuous Members 5 (Member No. 2084,2106,2088,2156,2108,2092,2160,2110)**						
	2106	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2084	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2088	0.000	RC9	0.14	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2084	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2106	0.100	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2106	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2088	0.000	RC9	0.14	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2088	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	2106	0.100	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2084	0.000	RC1	0.27	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2084	0.000	RC1	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2108	0.700	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2084	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2108	0.700	RC1	0.09	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	2084	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
202	**Continuous Members 6 (Member No. 2085,2107,2089,2157,2109,2093,2161,2111)**						
	2107	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2085	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2107	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2085	0.150	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2085	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2093	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	2109	0.700	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2085	0.075	RC1	0.25	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2085	0.000	RC1	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2085	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2085	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2085	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
203	**Continuous Members 7 (Member No. 2086,2112,2090,2158,2114,2094,2162,2116)**						
	2094	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2094	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2112	0.100	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2112	0.100	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2094	0.000	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2158	0.175	RC1	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2086	0.000	RC1	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2086	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
204	**Continuous Members 8 (Member No. 2087,2113,2091,2159,2115,2095,2163,2117)**						
	2091	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2095	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2087	0.150	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2163	0.050	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2091	0.000	RC9	0.25	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2159	0.350	RC1	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2113	0.100	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	2087	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
205	**Continuous Members 17 (Member No. 2124,2132,2133,3884,5271,2134,3885,5272,2135,2136)**						
	2124	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2132	0.300	RC9	0.09	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2124	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2136	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2136	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2132	0.300	RC9	0.09	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2132	0.300	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	2133	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2136	0.150	RC1	0.26	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2136	0.150	RC1	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2124	0.100	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2124	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2124	0.100	RC1	0.09	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	2124	0.000	RC1	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
206	**Continuous Members 18 (Member No. 2125,2137,2138,3886,5273,2139,3887,5274,2140,2141)**						
	2137	0.300	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2125	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2125	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2140	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2140	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2138	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	2138	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2139	0.325	RC1	0.14	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2141	0.150	RC1	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2125	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2125	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2125	0.000	RC1	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
207	**Continuous Members 17 (Member No. 2126,2142,2143,3908,5277,2144,3909,5278,2145,2146)**						
	2143	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2126	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2146	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2146	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2143	0.000	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2142	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2146	0.150	RC1	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2126	0.100	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2126	0.100	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2143	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
208	**Continuous Members 18 (Member No. 2127,2147,2148,3910,5279,2149,3911,5280,2150,2151)**						
	2127	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2127	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2150	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2150	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2148	0.000	RC9	0.23	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2151	0.150	RC1	0.28	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2151	0.150	RC1	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2127	0.100	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2127	0.100	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2148	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
209	**Continuous Members 5 (Member No. 2168,2177,2170,2200,2179,2172,2202,2181)**						
	2172	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	2177	0.100	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2181	0.100	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2177	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2172	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2177	0.100	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2181	0.100	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2170	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	2200	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2168	0.075	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2170	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2172	0.000	RC1	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
210	**Continuous Members 6 (Member No. 2169,2178,2171,2201,2180,2173,2203,2182)**						
	2178	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2173	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2178	0.100	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2182	0.100	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2169	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2182	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2182	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2178	0.100	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2182	0.100	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2178	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	2171	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2169	0.000	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2171	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2173	0.000	RC1	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
211	**Continuous Members 17 (Member No. 2186,2188,2189,3860,5265,2190,3861,5266,2191,2192)**						
	2189	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	2189	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5266	0.050	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2192	0.150	RC1	0.23	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2191	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2192	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2192	0.150	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	5266	0.050	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2192	0.150	RC1	0.23	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2191	0.100	RC1	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	2191	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2192	0.150	RC1	0.23	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2192	0.150	RC1	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2189	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2189	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2189	0.000	RC1	0.03	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
212	**Continuous Members 18 (Member No. 2187,2193,2194,3862,5267,2195,3863,5268,2196,2197)**						
	2194	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5268	0.050	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2197	0.150	RC9	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2196	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2196	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2193	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	5268	0.050	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2197	0.150	RC9	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	2196	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	2193	0.300	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2195	0.325	RC1	0.13	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2197	0.150	RC1	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2187	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2187	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2194	0.000	RC1	0.03	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
213	**Continuous Members 7 (Member No. 2212,2225,2214,2252,2227,2216,2254,2229)**						
	2212	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2216	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2229	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2229	0.050	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2214	0.000	RC9	0.20	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2212	0.000	RC1	0.25	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2212	0.000	RC1	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2212	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2212	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2212	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	2212	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
214	**Continuous Members 8 (Member No. 2213,2226,2215,2253,2228,2217,2255,2230)**						
	2213	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2217	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2213	0.150	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2213	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2228	0.350	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2213	0.000	RC1	0.25	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2226	0.100	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2213	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2213	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2213	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
215	**Continuous Members 17 (Member No. 2234,2240,2241,3916,5283,2242,3917,5284,2243,2244)**						
	2241	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2234	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2244	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2244	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2241	0.000	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2244	0.150	RC1	0.30	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2244	0.150	RC1	0.09	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2240	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2241	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2240	0.000	RC1	0.09	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	2241	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
216	**Continuous Members 18 (Member No. 2235,2245,2246,3918,5285,2247,3919,5286,2248,2249)**						
	2246	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2235	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2248	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2248	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2246	0.000	RC9	0.20	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2247	0.325	RC1	0.15	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2249	0.150	RC1	0.09	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2235	0.100	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2246	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2235	0.100	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	2246	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
217	**Continuous Members 7 (Member No. 2258,2271,2260,2298,2273,2262,2300,2275)**						
	2271	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2258	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2271	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2275	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2271	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2258	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	2271	0.100	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2258	0.000	RC1	0.24	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2258	0.000	RC1	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2258	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2258	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2258	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
218	**Continuous Members 8 (Member No. 2259,2272,2261,2299,2274,2263,2301,2276)**						
	2272	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2259	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2272	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2259	0.150	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2272	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2263	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	2274	0.350	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2259	0.000	RC1	0.24	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2259	0.000	RC1	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2259	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2259	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2259	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
219	**Continuous Members 17 (Member No. 2280,2286,2287,3924,5289,2288,3925,5290,2289,2290)**						
	2286	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2280	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2287	0.000	RC9	0.08	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2289	0.050	RC1	0.24	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2289	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2290	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2290	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2287	0.000	RC9	0.08	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2289	0.050	RC1	0.24	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2290	0.150	RC1	0.08	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	5290	0.050	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2289	0.000	RC1	0.24	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2290	0.150	RC1	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2286	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2286	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2286	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	2280	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
220	**Continuous Members 18 (Member No. 2281,2291,2292,3926,5291,2293,3927,5292,2294,2295)**						
	2291	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2281	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2281	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2294	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2294	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	5292	0.050	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	5292	0.050	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	2295	0.150	RC1	0.28	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2295	0.150	RC1	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3926	0.150	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	3926	0.150	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	2281	0.000	RC1	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
221	**Continuous Members 7 (Member No. 2304,2313,2306,2336,2315,2308,2338,2317)**						
	2304	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2304	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2304	0.150	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2313	0.100	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2313	0.100	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2313	0.050	RC1	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2304	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2304	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2304	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2304	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
222	**Continuous Members 8 (Member No. 2305,2314,2307,2337,2316,2309,2339,2318)**						
	2305	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2314	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2314	0.100	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2314	0.100	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2307	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2337	0.175	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2305	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2305	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2305	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2305	0.000	RC1	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
223	**Continuous Members 17 (Member No. 2322,2324,2325,3932,5293,2326,3933,5294,2327,2328)**						
	2322	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2328	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2328	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2328	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2328	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	2324	0.300	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2327	0.000	RC1	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2328	0.150	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2322	0.000	RC1	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
224	**Continuous Members 18 (Member No. 2323,2329,2330,3934,5295,2331,3935,5296,2332,2333)**						
	2323	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2332	0.100	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2332	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2332	0.100	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	5296	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2333	0.150	RC1	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2333	0.150	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2323	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2323	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2323	0.000	RC1	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
225	**Continuous Members 5 (Member No. 2352,2361,2354,2384,2363,2356,2386,2365)**						
	2384	0.175	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	2363	0.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2356	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2356	0.000	RC9	0.12	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2354	0.350	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2365	0.100	RC1	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	2356	0.000	RC9	0.12	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2354	0.350	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2363	0.700	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	2356	0.000	RC1	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2361	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2363	0.700	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2356	0.000	RC1	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
226	**Continuous Members 6 (Member No. 2353,2362,2355,2385,2364,2357,2387,2366)**						
	2364	0.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2357	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2357	0.000	RC9	0.11	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2353	0.150	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2387	0.050	RC1	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2357	0.000	RC9	0.11	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2353	0.150	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2362	0.100	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	2357	0.000	RC1	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2355	0.350	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2364	0.700	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2357	0.000	RC1	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
227	**Continuous Members 17 (Member No. 2370,2372,2373,5337,5338,2374,5339,5340,2375,2376)**						
	2376	0.150	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2375	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2372	0.300	RC9	0.13	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2376	0.075	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2370	0.100	RC1	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2376	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2376	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2372	0.300	RC9	0.13	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2376	0.075	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2372	0.300	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	2373	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	5340	0.025	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2372	0.300	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2375	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
228	**Continuous Members 18 (Member No. 2371,2377,2378,5341,5342,2379,5343,5344,2380,2381)**						
	2380	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2377	0.300	RC9	0.11	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2371	0.050	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2377	0.000	RC1	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2380	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2380	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2377	0.300	RC9	0.11	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2371	0.050	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2377	0.300	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	2377	0.300	RC1	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2379	0.325	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2377	0.300	RC1	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2378	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
229	**Continuous Members 7 (Member No. 2396,2409,2398,2436,2411,2400,2438,2413)**						
	2396	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2409	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	2409	0.100	RC9	0.27	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2413	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2409	0.100	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2396	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2398	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2396	0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	2396	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
230	**Continuous Members 8 (Member No. 2397,2410,2399,2437,2412,2401,2439,2414)**						
	2397	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2397	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2399	0.000	RC9	0.27	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2414	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2410	0.100	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2397	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
231	**Continuous Members 17 (Member No. 2418,2424,2425,5353,5354,2426,5355,5356,2427,2428)**						
	2418	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2428	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2428	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2428	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	5356	0.050	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2428	0.150	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	5356	0.050	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2418	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2418	0.100	RC1	0.08	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	2418	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2418	0.100	RC1	0.13	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	2418	0.000	RC1	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
232	**Continuous Members 18 (Member No. 2419,2429,2430,5357,5358,2431,5359,5360,2432,2433)**						
	2419	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2432	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5360	0.025	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2432	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	5360	0.050	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2419	0.050	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	5360	0.050	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2419	0.000	RC1	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
233	**Continuous Members 5 (Member No. 2444,2453,2446,7496,2476,2455,9901,2448,2478,2457)**						
	2453	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2448	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	9901	0.000	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2446	0.300	RC1	0.21	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	9901	0.150	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2446	0.300	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2446	0.300	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	9901	0.000	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2446	0.300	RC1	0.21	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2446	0.300	RC1	0.05	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	2453	0.050	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2455	0.200	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2453	0.100	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2448	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
234	**Continuous Members 6 (Member No. 2445,2454,2447,7551,2477,2456,7560,2449,2479,2458)**						
	2454	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	2449	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2447	0.150	RC9	0.17	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2477	0.350	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	7560	0.300	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2445	0.000	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2445	0.000	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2447	0.150	RC9	0.17	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2477	0.350	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2447	0.000	RC9	0.05	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	2454	0.050	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2447	0.300	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2454	0.100	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2449	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
235	**Continuous Members 17 (Member No. 2462,2464,9902,2465,5369,5370,2466,9903,5371,5372,2467,2468)**						
	2466	0.100	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2464	0.200	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2462	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2468	0.150	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2466	0.000	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	9902	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	9902	0.100	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	9902	0.100	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2468	0.150	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2466	0.000	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	9902	0.000	RC1	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	2464	0.200	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2466	0.050	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2466	0.100	RC1	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2462	0.000	RC1	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
236	**Continuous Members 18 (Member No. 2463,2469,7569,2470,5373,5374,2471,7578,5375,5376,2472,2473)**						
	5375	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2469	0.200	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2463	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2473	0.150	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	7569	0.100	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	7569	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	7569	0.100	RC1	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	7569	0.100	RC1	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2473	0.150	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	7569	0.100	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	7569	0.000	RC1	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	2469	0.200	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2471	0.100	RC1	0.26	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2471	0.100	RC1	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2463	0.000	RC1	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
237	**Continuous Members 7 (Member No. 2488,2497,2490,2520,2499,2492,2522,2501)**						
	2497	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2492	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2497	0.100	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2522	0.050	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2488	0.150	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2522	0.050	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2497	0.100	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2490	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	2497	0.100	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	2520	0.350	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2497	0.100	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2490	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2490	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2488	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
238	**Continuous Members 8 (Member No. 2489,2498,2491,2521,2500,2493,2523,2502)**						
	2493	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2498	0.100	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2523	0.050	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2489	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2523	0.050	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2498	0.100	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2498	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	2491	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2498	0.000	RC1	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2489	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2489	0.000	RC9	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2489	0.000	RC9	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2489	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
239	**Continuous Members 17 (Member No. 2506,2508,2509,5305,5306,2510,5307,5308,2511,2512)**						
	2511	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2508	0.300	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2506	0.050	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2512	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2512	0.075	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2508	0.300	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2508	0.300	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2512	0.150	RC1	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2512	0.150	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2509	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2509	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2511	0.000	RC1	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
240	**Continuous Members 18 (Member No. 2507,2513,2514,5309,5310,2515,5311,5312,2516,2517)**						
	2516	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2507	0.100	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5312	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2516	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2514	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2516	0.100	RC1	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2517	0.150	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2514	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2514	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2516	0.000	RC1	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
241	**Continuous Members 7 (Member No. 2526,2535,2528,2558,2537,2530,2560,2539)**						
	2526	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2560	0.050	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2526	0.075	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2526	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2535	0.100	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2537	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2526	0.150	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2526	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	2530	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2526	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	2526	0.000	RC1	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
242	**Continuous Members 8 (Member No. 2527,2536,2529,2559,2538,2531,2561,2540)**						
	2527	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2531	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2527	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2536	0.100	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2536	0.000	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2527	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2527	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2527	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2527	0.000	RC1	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
243	**Continuous Members 17 (Member No. 2544,2546,2547,5321,5322,2548,5323,5324,2549,2550)**						
	2544	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2550	0.075	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2550	0.075	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2549	0.100	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2550	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2550	0.150	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2550	0.075	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2550	0.075	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2550	0.150	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	2549	0.000	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2548	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2550	0.150	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2544	0.000	RC1	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
244	**Continuous Members 18 (Member No. 2545,2551,2552,5325,5326,2553,5327,5328,2554,2555)**						
	2545	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2545	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2554	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2554	0.100	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	5327	0.100	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2555	0.000	RC1	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2554	0.100	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2545	0.100	RC9	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2545	0.100	RC9	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2545	0.000	RC1	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
245	**Continuous Members 5 (Member No. 2566,6834,2588,2570,2638,2590,6686,2574,2642,2592)**						
	2570	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2566	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2566	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2566	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2588	0.100	RC9	0.23	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2566	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2588	0.100	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2566	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2566	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2566	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
246	**Continuous Members 6 (Member No. 2567,2589,2571,6865,2639,11562,2591,6896,2575,2643,2593)**						
	2575	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2567	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2571	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2589	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	2571	0.103	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2639	0.286	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2571	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2571	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
247	**Continuous Members 7 (Member No. 2568,6837,2594,2572,2640,3158,2596,7259,3156,2576,2644,2598)**						
	2568	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2596	0.400	RC9	0.11	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2568	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	6837	0.038	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2568	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2596	0.400	RC9	0.11	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2594	0.100	RC9	0.23	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2568	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2572	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2568	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2568	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2568	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
248	**Continuous Members 8 (Member No. 2569,2595,2573,6868,2641,3159,11571,2597,6899,3157,2577,2645,2599)**						
	11571	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2577	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2573	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2595	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2577	0.000	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2573	0.205	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2573	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2569	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
249	**Continuous Members 17 (Member No. 2606,2614,2615,3888,2616,7042,3889,2617,2618)**						
	2615	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2615	0.000	RC9	0.14	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2606	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2618	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2614	0.200	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2615	0.000	RC9	0.14	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3889	0.150	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	2614	0.300	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2616	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2614	0.300	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2606	0.100	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2606	0.100	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2615	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
250	**Continuous Members 18 (Member No. 2607,11538,2619,2620,11514,3890,2621,3891,2622,2623)**						
	2622	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2607	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2623	0.150	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	11538	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2619	0.300	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2621	0.100	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2619	0.300	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2620	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2620	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	11514	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
251	**Continuous Members 17 (Member No. 2608,2624,2625,3148,3149,2626,11094,3150,3151,2627,2628)**						

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	2608	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2608	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2628	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2624	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2625	0.000	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2626	0.100	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2625	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2608	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
252	**Continuous Members 18 (Member No. 2609,11539,2629,2630,11515,3152,3153,2631,3154,3155,2632,2633)**						
	11539	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2609	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	11539	0.060	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	11539	0.030	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2630	0.000	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2631	0.100	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2629	0.300	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2629	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2629	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	11539	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
253	**Continuous Members 5 (Member No. 2650,6927,2659,2652,6924,2682,2661,6721,2654,2684,2663)**						
	2659	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2650	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2652	0.000	RC9	0.12	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2650	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	6927	0.038	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2650	0.038	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2652	0.000	RC9	0.12	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2652	0.150	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	2659	0.100	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2650	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2659	0.100	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2650	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2650	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2650	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
254	**Continuous Members 6 (Member No. 2651,2660,2653,7053,6955,2683,11563,2662,7055,6738,2655,2685,2664)**						
	7055	0.305	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2651	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2653	0.103	RC9	0.12	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	6738	0.150	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2651	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2660	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2660	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2653	0.103	RC9	0.12	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	6738	0.150	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	7053	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	7053	0.000	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2651	0.150	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	7053	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2651	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2651	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2651	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
255	**Continuous Members 17 (Member No. 2668,2670,2671,3864,2672,7050,3865,2673,2674)**						
	2672	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	2670	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	2670	0.200	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2674	0.000	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2668	0.050	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2673	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2674	0.150	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2674	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2674	0.000	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2668	0.050	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2674	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	2670	0.200	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	7050	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2674	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2670	0.200	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
256	**Continuous Members 18 (Member No. 2669,11540,2675,2676,11516,3866,2677,3867,2678,2679)**						
	2676	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	2678	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2675	0.200	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3866	0.125	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2675	0.200	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2678	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2679	0.150	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2679	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	3866	0.125	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2675	0.200	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2677	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	2679	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2679	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2679	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2669	0.040	RC9	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2669	0.040	RC9	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2675	0.200	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
257	**Continuous Members 7 (Member No. 2694,6930,2707,2696,2734,3170,2709,7057,3160,2698,2736,2711)**						
	2694	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2694	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	6930	0.038	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2694	0.038	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2696	0.000	RC9	0.23	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2694	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2696	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2694	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2694	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2694	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
258	**Continuous Members 8 (Member No. 2695,2708,2697,6958,2735,3171,11572,2710,6961,3161,2699,2737,2712)**						
	2699	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2699	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2697	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2708	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2699	0.000	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	11572	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2697	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3161	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
259	**Continuous Members 17 (Member No. 2716,2722,2723,3162,3163,2724,7059,3164,3165,2725,2726)**						
	2723	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2716	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2726	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6

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Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	2722	0.200	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2722	0.300	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2724	0.100	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2723	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2716	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
260	**Continuous Members 18 (Member No. 2717,11541,2727,2728,11517,3166,3167,2729,3168,3169,2730,2731)**						
	2730	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2717	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2728	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	11541	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2727	0.300	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2729	0.100	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2728	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	11517	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	11517	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2717	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
261	**Continuous Members 7 (Member No. 2740,6989,2753,2742,8501,2780,3178,2755,8494,3172,2744,2782,2757)**						
	2755	0.200	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	2753	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2740	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	8494	0.065	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2755	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2740	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	6989	0.038	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2740	0.038	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	8494	0.065	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2755	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2744	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	2742	0.000	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2740	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2753	0.100	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2740	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2740	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2740	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
262	**Continuous Members 8 (Member No. 2741,2754,2743,6992,8502,2781,3179,11573,2756,7020,8495,3173,2745,2783,2758)**						
	2754	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2741	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	6992	0.047	RC9	0.07	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2741	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2743	0.103	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2754	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	6992	0.047	RC9	0.07	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2743	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	2743	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2754	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2743	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2741	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2741	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2741	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
263	**Continuous Members 17 (Member No. 2762,2768,2769,3180,3174,2770,7160,3181,3175,2771,2772)**						
	2768	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2762	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2771	0.000	RC9	0.07	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2770	0.100	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 -

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Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
							- Class 1 or 2
	2762	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2772	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2768	0.200	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2771	0.000	RC9	0.07	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2770	0.100	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2771	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	2771	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2770	0.100	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3175	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2762	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
264	**Continuous Members 18 (Member No. 2763,11542,2773,2774,11518,3182,3176,2775,3183,3177,2776,2777)**						
	11542	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3177	0.150	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2776	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	11542	0.060	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2777	0.075	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	3177	0.150	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3177	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	2776	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2775	0.100	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3177	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2763	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2763	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2763	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
265	**Continuous Members 7 (Member No. 2786,7023,2795,2788,8512,2818,2797,8523,2790,2820,2799)**						
	2795	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2786	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2795	0.100	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2818	0.350	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2786	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	7023	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2786	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2795	0.100	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2818	0.350	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	7023	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	2795	0.100	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2786	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2788	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2786	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
266	**Continuous Members 8 (Member No. 2787,2796,2789,11138,8513,2819,11564,2798,11139,8524,2791,2821,2800)**						
	11139	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2796	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2787	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2796	0.100	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2798	0.095	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2787	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2789	0.103	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2796	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2796	0.100	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2798	0.095	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2789	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	2789	0.000	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	2787	0.150	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2796	0.100	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2787	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2787	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2787	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
267	**Continuous Members 17 (Member No. 2804,2806,2807,3936,2808,7193,3937,2809,2810)**						
	2808	0.050	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2806	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2804	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2807	0.000	RC9	0.10	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	7193	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2804	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2810	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2806	0.200	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2807	0.000	RC9	0.10	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	7193	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2809	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	3937	0.150	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	7193	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3937	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2804	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
268	**Continuous Members 18 (Member No. 2805,11543,2811,2812,11519,3938,2813,3939,2814,2815)**						
	2811	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2805	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3939	0.150	RC9	0.12	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2813	0.100	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2805	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2812	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	11543	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	3939	0.150	RC9	0.12	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2813	0.100	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	3939	0.150	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	3939	0.150	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2813	0.100	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3939	0.150	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2805	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
269	**Continuous Members 5 (Member No. 2834,11140,2843,2836,2866,3118,2845,7934,3108,2838,2868,2847)**						
	2843	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2834	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3108	0.000	RC9	0.15	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2845	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2834	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	11140	0.038	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2834	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	3108	0.000	RC9	0.15	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2845	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2836	0.000	RC9	0.06	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	2843	0.100	RC9	0.25	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2834	0.038	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2836	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2834	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
270	**Continuous Members 6 (Member No. 2835,2844,2837,11141,2867,3119,11569,2846,11142,3109,2839,2869,2848)**						
	2839	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	2839	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2837	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2844	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2839	0.000	RC9	0.21	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	11569	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2837	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2835	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2835	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2835	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
271	**Continuous Members 17 (Member No. 2852,2854,2855,3110,3111,2856,7973,3112,3113,2857,2858)**						
	2855	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2854	0.300	RC9	0.19	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2856	0.100	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2852	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2858	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2854	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2854	0.300	RC9	0.19	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2856	0.100	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2854	0.300	RC9	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	2854	0.300	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2856	0.100	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2855	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2852	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
272	**Continuous Members 18 (Member No. 2853,11544,2859,2860,11520,3114,3115,2861,3116,3117,2862,2863)**						
	11520	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2853	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2860	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	11544	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2859	0.300	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2861	0.100	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2859	0.300	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2853	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2853	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2853	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
273	**Continuous Members 7 (Member No. 2878,11143,2891,2880,2918,3128,2893,8360,3130,2882,2920,2895)**						
	2878	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2891	0.100	RC9	0.21	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2882	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	11143	0.038	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2878	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2891	0.100	RC9	0.21	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	11143	0.038	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	3130	0.170	RC9	0.22	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3128	0.135	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3130	0.170	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2878	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
274	**Continuous Members 8 (Member No. 2879,2892,2881,11144,2919,3129,11570,2894,11145,3131,2883,2921,2896)**						
	2883	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2879	0.000	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2883	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2881	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2892	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2879	0.000	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	2892	0.100	RC9	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	3131	0.170	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	11570	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2892	0.100	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2879	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
275	**Continuous Members 17 (Member No. 2900,2906,2907,3184,3124,2908,8526,3185,3125,2909,2910)**						
	2907	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2900	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2910	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2906	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2906	0.300	RC9	0.21	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	8526	0.165	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2907	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2907	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
276	**Continuous Members 18 (Member No. 2901,11545,2911,2912,11521,3186,3126,2913,3187,3127,2914,2915)**						
	11521	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2901	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2915	0.150	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	11545	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2912	0.000	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2913	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3127	0.150	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	11521	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
277	**Continuous Members 5 (Member No. 2926,11146,2935,2928,2958,2937,8817,2930,2960,2939)**						
	2926	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2937	0.400	RC9	0.12	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2930	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2926	0.038	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2926	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2937	0.400	RC9	0.12	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2928	0.000	RC9	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	2928	0.000	RC9	0.22	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2939	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2935	0.100	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2926	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2926	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2926	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
278	**Continuous Members 6 (Member No. 2927,2936,2929,11147,2959,11565,2938,11148,2931,2961,2940)**						
	2927	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2931	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2929	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2936	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	11148	0.605	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2929	0.205	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2929	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2927	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2929	0.000	RC1	0.09	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	2927	0.150	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2929	0.000	RC1	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	2927	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
279	**Continuous Members 17 (Member No. 2944,2946-2948,8953,2949,2950)**						
	2944	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	8953	0.550	RC9	0.11	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	2944	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2950	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2950	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	8953	0.550	RC9	0.11	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2947	0.000	RC9	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	2947	0.000	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2950	0.150	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2947	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2944	0.100	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2944	0.100	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2947	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
280	**Continuous Members 18 (Member No. 2945,11546,2951,2952,11522,2953-2955)**						
	11522	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2945	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2955	0.150	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2951	0.200	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2952	0.000	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2953	0.100	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2952	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2951	0.300	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2945	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2951	0.300	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	2952	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
281	**Continuous Members 7 (Member No. 2970,11149,2979,2972,3002,2981,7204,2974,3004,2983)**						
	2979	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2970	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2981	0.400	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2981	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2970	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	11149	0.038	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2970	0.038	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2981	0.400	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2981	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2974	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	2972	0.000	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2970	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2979	0.100	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2970	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2970	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2970	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
282	**Continuous Members 8 (Member No. 2971,2980,2973,11150,3003,11566,2982,11151,2975,3005,2984)**						
	2980	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2971	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2971	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2973	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2980	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2975	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	2973	0.103	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2971	0.150	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2980	0.100	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2971	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
283	**Continuous Members 17 (Member No. 2988,2990-2992,7226,2993,2994)**						

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	2990	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2988	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2991	0.000	RC9	0.10	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2992	0.100	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2988	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2994	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	2990	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2991	0.000	RC9	0.10	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2992	0.100	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	7226	0.700	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	2993	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2992	0.100	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	7226	0.700	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2988	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
284	**Continuous Members 18 (Member No. 2989,11547,2995,2996,11523,2997-2999)**						
	2995	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	11547	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2997	0.800	RC9	0.12	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2997	0.100	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2989	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2999	0.150	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	11547	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	2997	0.800	RC9	0.12	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2997	0.100	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2997	0.800	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	2998	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	11523	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2997	0.800	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2989	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2989	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2989	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
285	**Continuous Members 7 (Member No. 3008,11152,3017,3010,3040,3102,3019,7270,3092,3012,3042,3021)**						
	3017	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3008	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3017	0.100	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	3102	0.270	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	3008	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	11152	0.038	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	3008	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	3017	0.100	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3102	0.270	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	3008	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	3017	0.100	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3008	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3017	0.100	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3008	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
286	**Continuous Members 8 (Member No. 3009,3018,3011,11153,3041,3103,11568,3020,11154,3093,3013,3043,3022)**						
	3020	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	3018	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3009	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3018	0.100	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	3103	0.206	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	3009	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	3011	0.103	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	3018	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	3018	0.100	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3103	0.206	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	3018	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	11153	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3009	0.150	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3018	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3009	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	3009	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	3009	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
287	**Continuous Members 17 (Member No. 3026,3028,3029,3094,3095,3030,7819,3096,3097,3031,3032)**						
	3028	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3026	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3029	0.115	RC9	0.07	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	7819	0.000	RC1	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	3026	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	3032	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	3028	0.200	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	3029	0.115	RC9	0.07	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	7819	0.000	RC1	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	3031	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	3028	0.300	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3030	0.100	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3097	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3026	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
288	**Continuous Members 18 (Member No. 3027,11548,3033,3034,11524,3098,3099,3035,3100,3101,3036,3037)**						
	3033	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	11548	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3100	0.220	RC9	0.07	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	3036	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	11548	0.030	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	3037	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	3100	0.220	RC9	0.07	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3101	0.150	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	3101	0.150	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3035	0.100	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3101	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	11548	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
289	**Continuous Members 5 (Member No. 3048,11155,3057,3050,9766,3080,3059,9768,3052,3082,3061)**						
	3059	0.400	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	9766	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3048	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	11155	0.038	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	3048	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	9768	0.300	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	3057	0.100	RC9	0.28	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	9768	0.300	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3050	0.000	RC9	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9766	0.000	RC9	0.44	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
290	**Continuous Members 6 (Member No. 3049,3058,3051,11156,9767,3081,11567,3060,11157,9769,3053,3083,3062)**						
	3058	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3049	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3053	0.000	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	3058	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	3049	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	3049	0.075	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	3053	0.000	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3053	0.025	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	11156	0.000	RC9	0.30	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	11567	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3051	0.000	RC9	0.11	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3049	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	3049	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	3049	0.000	RC9	0.48	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
291	**Continuous Members 17 (Member No. 3066,3068,9770,3069,3070,9771,3071,3072)**						
	9770	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3066	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3071	0.100	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	3071	0.050	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	3071	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	3072	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	3072	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	3071	0.100	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3071	0.050	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	3072	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	3072	0.150	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	9771	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3072	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3066	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
292	**Continuous Members 18 (Member No. 3067,11549,3073,9772,3074,11525,3075,9773,3076,3077)**						
	9772	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3067	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3075	0.100	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	11549	0.030	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	3076	0.050	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	3077	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	3077	0.075	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	3075	0.100	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	11549	0.030	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	3073	0.200	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	3075	0.100	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3077	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3077	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3067	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
293	**Continuous Members 5 (Member No. 3190,3212,3194,11586,3262,11164,3214,3198,3266,3216)**						
	3198	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3190	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	3194	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	3190	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	3194	0.107	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3262	0.271	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3194	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3190	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	3190	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	3190	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
294	**Continuous Members 6 (Member No. 3191,3213,3195,8449,3263,3215,11158,6717,3199,3267,3217)**						
	3217	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3191	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	11158	0.000	RC9	0.07	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	3213	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	3191	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	3191	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	11158	0.000	RC9	0.07	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3199	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	3213	0.100	RC9	0.24	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3191	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3213	0.100	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3191	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
295	**Continuous Members 7 (Member No. 3192,3218,3196,11587,3264,3782,11199,3220,3780,3200,3268,3222)**						
	11199	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3200	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	11587	0.136	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	3192	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	3200	0.000	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3196	0.214	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3218	0.100	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3264	0.080	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	3264	0.080	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	3192	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
296	**Continuous Members 8 (Member No. 3193,3219,3197,8450,3265,3783,3221,11159,6734,3781,3201,3269,3223)**						
	3193	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3219	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	3193	0.150	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	3193	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	3197	0.000	RC9	0.24	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3193	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3219	0.100	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	8450	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	8450	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	3193	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
297	**Continuous Members 17 (Member No. 3230,11479,11160,3238,3239,11126,3892,3240,3893,3241,3242)**						
	3241	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3230	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	11160	0.010	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	11479	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	3238	0.300	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3240	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3893	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3239	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	3239	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	3239	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
298	**Continuous Members 18 (Member No. 3231,3243,6684,3244,3894,3245,11162,8981,11108,3895,3246,3247)**						
	3894	0.250	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	6684	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3247	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3231	0.100	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	6684	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	3243	0.100	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	3243	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	3231	0.100	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	3243	0.200	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	6684	0.100	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3231	0.100	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3243	0.200	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3231	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	3231	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6684	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
299	**Continuous Members 17 (Member No. 3232,11480,11161,3248,3249,11127,3772,3773,3250,3774,3775,3251,3252)**						
	11480	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3232	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	11161	0.020	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	11480	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	3248	0.300	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3232	0.068	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3251	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3232	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	3232	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	3232	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
300	**Continuous Members 18 (Member No. 3233,3253,6685,3254,3776,3777,3255,11163,8999,11109,3778,3779,3256,3257)**						
	3776	0.060	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	3256	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3257	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3254	0.230	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	3256	0.050	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	3256	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	3253	0.100	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	3253	0.100	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	3254	0.230	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3256	0.050	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	3779	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	3253	0.200	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	8999	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3253	0.200	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3233	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	3233	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	3254	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
301	**Continuous Members 5 (Member No. 3274,3283,3276,11588,6986,3306,7051,3285,6769,3278,3308,3287)**						
	3283	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3274	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	7051	0.079	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	3274	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	7051	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	3274	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	7051	0.079	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	11588	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	11588	0.000	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3274	0.150	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	11588	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3274	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	3274	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	3274	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
302	**Continuous Members 6 (Member No. 3275,3284,3277,8451,3307,3286,6687,6765,3279,3309,3288)**						
	3284	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3275	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3279	0.000	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	3307	0.350	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	3275	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	3275	0.075	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	3275	0.075	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	3279	0.000	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3307	0.350	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	3284	0.100	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	3284	0.100	RC9	0.20	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3275	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3284	0.100	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3275	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	3275	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	3275	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
303	**Continuous Members 17 (Member No. 3292,11481,6803,3294,3295,11129,3868,3296,3869,3297,3298)**						
	3292	0.068	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3294	0.200	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3868	0.125	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	3292	0.068	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	3297	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	6803	0.010	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	11481	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	3868	0.125	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3292	0.068	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	3296	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	3294	0.200	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3298	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3298	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3294	0.200	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
304	**Continuous Members 18 (Member No. 3293,3299,6719,3300,3870,3301,6680,8974,6681,3871,3302,3303)**						
	3303	0.150	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	6719	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3299	0.100	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	3293	0.050	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	3303	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	3299	0.100	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	3303	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	3299	0.100	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3293	0.050	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	3303	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	8974	0.028	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3299	0.200	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3303	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	6719	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
305	**Continuous Members 7 (Member No. 3318,3331,3320,11589,3358,3794,11200,3333,3784,3322,3360,3335)**						
	3322	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3322	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	11589	0.136	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	3318	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	3322	0.000	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	11200	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3320	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3318	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	3318	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	3318	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
306	**Continuous Members 8 (Member No. 3319,3332,3321,8452,3359,3795,3334,11165,6796,3785,3323,3361,3336)**						
	3319	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3323	0.000	RC9	0.16	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	3332	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	3319	0.075	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	3319	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	3323	0.000	RC9	0.16	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3785	0.170	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	3321	0.000	RC9	0.25	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3319	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3332	0.100	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	8452	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	8452	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	3319	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
307	**Continuous Members 17 (Member No. 3340,11483,11166,3346,3347,11131,3786,3787,3348,3788,3789,3349,3350)**						
	3349	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3340	0.034	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	3350	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	3346	0.200	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	3347	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3348	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3347	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3347	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	3347	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	3340	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
308	**Continuous Members 18 (Member No. 3341,3351,6736,3352,3790,3791,3353,11167,9051,11111,3792,3793,3354,3355)**						
	6736	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3355	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3351	0.100	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	11167	0.022	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	6736	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	3355	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	3351	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	3351	0.100	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	11167	0.022	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	3351	0.200	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	3351	0.200	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	9051	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3351	0.200	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3341	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	3341	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6736	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
309	**Continuous Members 7 (Member No. 3364,3377,3366,11590,8503,3404,3802,11201,3379,8496,3796,3368,3406,3381)**						
	3377	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3364	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	11590	0.043	RC9	0.10	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	3364	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	11201	0.079	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	3364	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	11590	0.043	RC9	0.10	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3366	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	11590	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3802	0.191	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3366	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3364	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	3364	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	3364	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
310	**Continuous Members 8 (Member No. 3365,3378,3367,8453,3405,3803,3380,11168,6827,3797,3369,3407,3382)**						
	3378	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3365	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3367	0.000	RC9	0.20	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	3378	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	3365	0.075	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	3365	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	3367	0.000	RC9	0.20	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3367	0.150	RC9	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	3367	0.000	RC9	0.20	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3365	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3378	0.100	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3365	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
311	**Continuous Members 17 (Member No. 3386,11485,11169,3392,3393,11134,3804,3798,3394,3805,3799,3395,3396)**						
	11485	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3799	0.075	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	3394	0.100	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	3395	0.100	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	3396	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	3396	0.075	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	3799	0.075	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3394	0.100	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	3799	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	3799	0.150	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3394	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3395	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3386	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
312	**Continuous Members 18 (Member No. 3387,3397,6743,3398,3806,3800,3399,11170,9058,11113,3807,3801,3400,3401)**						
	3807	0.110	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	6743	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3387	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3400	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	9058	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	3401	0.150	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	3401	0.150	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	3401	0.150	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	3400	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	9058	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	3398	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	3401	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	9058	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3401	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	6743	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
313	**Continuous Members 7 (Member No. 3410,3419,3412,11591,8514,3442,11174,3421,8525,3414,3444,3423)**						
	3419	0.100	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3410	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3419	0.100	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	3410	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	3412	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	3419	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	3419	0.100	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3419	0.100	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	3419	0.100	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3410	0.150	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3419	0.100	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3410	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	3410	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	3410	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
314	**Continuous Members 8 (Member No. 3411,3420,3413,8454,3443,3422,11171,6858,3415,3445,3424)**						
	3420	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3411	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3420	0.100	RC1	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	3422	0.188	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	3420	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	3411	0.075	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	3420	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	3420	0.100	RC1	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3422	0.188	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	3413	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	3420	0.100	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3411	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3420	0.100	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3411	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	3411	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	3411	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
315	**Continuous Members 17 (Member No. 3428,11487,11172,3430,3431,11135,3940,3432,3941,3433,3434)**						
	3428	0.068	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3428	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3430	0.300	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	3428	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	11487	0.006	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	11487	0.006	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	3430	0.300	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3941	0.150	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	3941	0.150	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3432	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3433	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3428	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
316	**Continuous Members 18 (Member No. 3429,3435,6767,3436,3942,3437,11173,9679,11116,3943,3438,3439)**						
	3437	0.049	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	6767	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3429	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3439	0.000	RC9	0.10	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	11173	0.022	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	6767	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	3435	0.100	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	3435	0.100	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	3439	0.000	RC9	0.10	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	11173	0.022	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	3439	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	3439	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	11116	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and a

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
							axial force acc. to 6.2.9.1
	3439	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3429	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
317	**Continuous Members 5 (Member No. 3458,3467,3460,11592,3490,3742,11197,3469,3732,3462,3492,3471)**						
	3462	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3462	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	11197	0.079	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	3458	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	3460	0.107	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3742	0.191	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3467	0.100	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3458	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	3458	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	3462	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
318	**Continuous Members 6 (Member No. 3459,3468,3461,8455,3491,3743,3470,11175,6889,3733,3463,3493,3472)**						
	3468	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3459	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3461	0.000	RC9	0.24	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	3470	0.188	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	3459	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	3459	0.075	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	3459	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	3461	0.000	RC9	0.24	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3470	0.188	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	3461	0.000	RC9	0.06	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	3468	0.100	RC9	0.24	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3459	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3468	0.100	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3468	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	3468	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	3459	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
319	**Continuous Members 17 (Member No. 3476,11489,11176,3478,3479,11136,3734,3735,3480,3736,3737,3481,3482)**						
	11136	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3476	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	11176	0.020	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	11176	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	3479	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3479	0.132	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3478	0.300	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3476	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	3476	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	11489	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
320	**Continuous Members 18 (Member No. 3477,3483,6774,3484,3738,3739,3485,11177,9680,11117,3740,3741,3486,3487)**						
	3741	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3487	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3477	0.000	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	3477	0.100	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	6774	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	3487	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	3487	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	3477	0.000	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3477	0.100	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	3483	0.200	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	3487	0.075	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force a

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
							acc. to 6.2.9.1
	9680	0.028	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3487	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3477	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
321	**Continuous Members 7 (Member No. 3502,3515,3504,11593,3542,3752,11198,3517,3754,3506,3544,3519)**						
	3506	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3506	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	11593	0.136	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	3502	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	3515	0.100	RC9	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	3754	0.170	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	11198	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3515	0.100	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3502	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
322	**Continuous Members 8 (Member No. 3503,3516,3505,8456,3543,3753,3518,11178,6920,3755,3507,3545,3520)**						
	3503	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3755	0.170	RC9	0.12	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	3516	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	3503	0.150	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	3503	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	3755	0.170	RC9	0.12	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3755	0.170	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	3505	0.000	RC9	0.22	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3518	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3516	0.100	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3503	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
323	**Continuous Members 17 (Member No. 3524,11491,11179,3530,3531,11460,3808,3748,3532,3809,3749,3533,3534)**						
	11460	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3524	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	11179	0.020	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	11179	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	3530	0.300	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3524	0.068	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3749	0.150	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3532	0.430	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	3532	0.430	RC1	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	3531	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
324	**Continuous Members 18 (Member No. 3525,3535,6798,3536,3810,3750,3537,11180,9695,11118,3811,3751,3538,3539)**						
	3751	0.150	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3525	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3751	0.150	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	11118	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	6798	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	3539	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	3539	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	3751	0.150	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	11118	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	3538	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	3539	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3539	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3539	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3536	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
325	**Continuous Members 5 (Member No. 3550,3559,3552,11594,3582,11184,3561,3554,3584,3563)**						

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	3550	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3554	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	11184	0.079	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	3550	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	3554	0.000	RC9	0.21	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	11594	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3552	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3550	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	3582	0.135	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	3550	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	3550	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
326	**Continuous Members 6 (Member No. 3551,3560,3553,8457,3583,3562,11181,6951,3555,3585,3564)**						
	3551	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	11181	0.000	RC9	0.12	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	6951	0.150	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	3551	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	3560	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	11181	0.000	RC9	0.12	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	6951	0.300	RC9	0.05	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	3555	0.000	RC9	0.23	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3553	0.300	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3560	0.100	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3551	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
327	**Continuous Members 17 (Member No. 3568,11493,11182,3570,3571,11461,3572-3574)**						
	3571	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3568	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	3571	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	11182	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	3570	0.300	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3572	0.650	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3571	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3568	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	11461	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	3568	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	3571	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
328	**Continuous Members 18 (Member No. 3569,3575,6805,3576,3577,11183,9714,11120,3578,3579)**						
	3569	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	11120	0.700	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	3578	0.100	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	3578	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	3579	0.150	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	3575	0.100	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	11120	0.700	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3578	0.100	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	11120	0.700	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	3579	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3579	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3575	0.200	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3569	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	11183	0.022	RC1	0.07	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	3569	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	11183	0.022	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	3569	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
329	**Continuous Members 7 (Member No. 3594,3603,3596,11595,3626,11188,3605,3598,3628,3607)**						
	3603	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3594	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3605	0.400	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	3594	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	11595	0.136	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	3594	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	3605	0.400	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3598	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	3596	0.107	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3594	0.150	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3603	0.100	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3594	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	3594	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	3594	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
330	**Continuous Members 8 (Member No. 3595,3604,3597,8458,3627,3606,11185,6982,3599,3629,3608)**						
	3604	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3595	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3597	0.000	RC9	0.14	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	3604	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	3595	0.075	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	3595	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	3597	0.000	RC9	0.14	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3599	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	3604	0.100	RC9	0.20	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3595	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3604	0.100	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3608	0.100	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	3608	0.100	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	3595	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
331	**Continuous Members 17 (Member No. 3612,11495,11186,3614,3615,11462,3616-3618)**						
	3614	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	11495	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3616	0.650	RC9	0.08	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	3616	0.100	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	3612	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	11186	0.020	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	11495	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	3616	0.650	RC9	0.08	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3616	0.100	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	3616	0.800	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	3615	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	11462	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3617	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3612	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	3612	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	11495	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
332	**Continuous Members 18 (Member No. 3613,3619,6829,3620,3621,11187,9729,11122,3622,3623)**						
	6829	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	6829	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3619	0.100	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	11187	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	3622	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	3623	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	3623	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	3619	0.100	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	11187	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	3619	0.200	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	3623	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	9729	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3623	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3613	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	3613	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6829	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
333	**Continuous Members 7 (Member No. 3632,3641,3634,11596,3664,3726,11196,3643,3716,3636,3666,3645)**						
	3641	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3632	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3636	0.000	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	3632	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	3632	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	3632	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	3636	0.000	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3634	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	11596	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3632	0.150	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3641	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3632	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	3632	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	3632	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
334	**Continuous Members 8 (Member No. 3633,3642,3635,8459,3665,3727,3644,11189,7013,3717,3637,3667,3646)**						
	3644	0.188	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	3642	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3633	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3637	0.000	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	3633	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	3633	0.075	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	3633	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	3637	0.000	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3635	0.300	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	3642	0.100	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3633	0.000	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3635	0.300	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3633	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	3633	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	3633	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
335	**Continuous Members 17 (Member No. 3650,11497,11190,3652,3653,11463,3718,3719,3654,3720,3721,3655,3656)**						
	3652	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	11497	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3653	0.000	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	3654	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	3655	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	11463	0.049	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	3656	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	3653	0.000	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3654	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	3721	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force a

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
							acc. to 6.2.6, 6.2.7 and 6.2.9
	3655	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3654	0.100	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3655	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	11497	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
336	**Continuous Members 18 (Member No. 3651,3657,6836,3658,3722,3723,3659,11191,9744,11125,3724,3725,3660,3661)**						
	9744	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	3660	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	6836	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3657	0.200	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	11125	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	3661	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	3661	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	3661	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	3657	0.200	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	11125	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	3661	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	3661	0.150	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	9744	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3661	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3660	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
337	**Continuous Members 5 (Member No. 3672,3681,3674,11597,9774,3704,11195,3683,9775,3676,3706,3685)**						
	3681	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3672	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	11195	0.040	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	3672	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	3674	0.107	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	3672	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	11195	0.040	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3674	0.000	RC9	0.09	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	3674	0.107	RC9	0.35	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3672	0.150	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	11597	0.000	RC9	0.15	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3672	0.000	RC9	0.61	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
338	**Continuous Members 6 (Member No. 3673,3682,3675,8460,3705,3684,11192,7044,3677,3707,3686)**						
	11192	0.024	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3673	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	7044	0.000	RC9	0.11	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	3684	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	3682	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	3673	0.075	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	3673	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	11192	0.000	RC9	0.08	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	11192	0.012	RC9	0.01	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	11192	0.000	RC9	0.02	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	11192	0.012	RC9	0.02	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	7044	0.000	RC9	0.11	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3684	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	3675	0.000	RC9	0.21	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	3682	0.100	RC9	0.46	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	11192	0.000	RC9	0.04	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	3705	0.350	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3675	0.000	RC9	0.21	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	11192	0.024	RC9	0.00	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	11192	0.024	RC9	0.14	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	3673	0.000	RC9	0.62	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
339	**Continuous Members 17 (Member No. 3690,11499,11193,3692,9776,3693,11464,3694,9777,3695,3696)**						
	9776	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3690	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3692	0.100	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	3693	0.132	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	3695	0.050	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	11499	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	3696	0.075	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	3692	0.100	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3693	0.132	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	3692	0.200	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	3696	0.075	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3693	0.132	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3696	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9777	0.700	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9777	0.700	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	3690	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
340	**Continuous Members 18 (Member No. 3691,3697,6860,3698,3699,11194,9794,9778,3700,3701)**						
	3699	0.025	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	9794	0.028	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	9794	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3697	0.100	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	3691	0.100	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	3700	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	9794	0.014	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	3697	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	9794	0.000	RC9	0.08	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	9794	0.000	RC9	0.03	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	3697	0.100	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3691	0.100	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	3701	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	3701	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	9794	0.014	RC9	0.01	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	9778	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	9794	0.000	RC9	0.01	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	3701	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9794	0.000	RC9	0.00	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	9794	0.028	RC9	0.13	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	9794	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
341	**Continuous Members 74 (Member No. 4483,4515,4612,9525,4516,9523,4611,4517)**						
	4516	0.250	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	4612	0.440	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	4483	0.100	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	4483	0.100	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	4517	0.150	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	9523	0.240	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	4612	0.000	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	9523	0.120	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	4515	0.000	RC9	0.15	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	9523	0.120	RC9	0.07	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	4517	0.075	RC9	0.05	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	9523	0.120	RC9	0.07	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	4483	0.100	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
							6.2.5 and 6.2.8
	4517	0.150	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	4612	0.440	RC9	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	9523	0.000	RC9	0.07	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	4483	0.100	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	4611	0.030	RC9	0.12	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	4612	0.220	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	4483	0.150	RC9	0.12	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	4612	0.440	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9523	0.000	RC9	0.07	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	9523	0.000	RC9	0.39	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	4483	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	4483	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	4483	0.100	RC9	0.65	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
342	**Continuous Members 74 (Member No. 4484,4518,4613,4506,9494,4520,9500,4500,4609,4519)**						
	9494	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	9500	0.200	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	4484	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	4613	0.040	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	4609	0.030	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	4613	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	4519	0.075	RC9	0.06	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	4519	0.075	RC9	0.06	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	4518	0.000	RC9	0.08	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	4484	0.100	RC9	0.02	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	4519	0.075	RC9	0.06	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	4519	0.075	RC9	0.06	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	4613	0.040	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	4609	0.030	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	4484	0.100	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	4484	0.100	RC9	0.01	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	4484	0.100	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	4500	0.020	RC9	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	4518	0.060	RC9	0.03	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	4484	0.100	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	4519	0.150	RC9	0.04	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	4519	0.150	RC9	0.32	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	4484	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	4484	0.000	RC1	0.08	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	4484	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	4484	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	4484	0.000	RC9	0.48	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
343	**Continuous Members 17 (Member No. 3968,9257,3970,3971,3982,3972,3983,3973,3974)**						
	3974	0.150	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	9257	0.191	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	9257	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3974	0.150	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	3974	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	3973	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	3974	0.000	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	3974	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	3974	0.150	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3974	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	3974	0.075	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	3971	0.000	RC1	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3972	0.325	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3974	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9257	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
344	**Continuous Members 18 (Member No. 3969,3975,3976,10717,3984,3977,10714,3985,3978,3979)**						
	3975	0.300	RC9	0.11	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3975	0.000	RC9	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3975	0.150	RC1	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	3977	0.402	RC1	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	3976	0.064	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	10714	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	3976	0.129	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	3975	0.150	RC1	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3977	0.402	RC1	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	10714	0.000	RC9	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	3975	0.300	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3977	0.201	RC9	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	10714	0.000	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3969	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	3969	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	3975	0.000	RC9	0.79	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
345	**Continuous Members 17 (Member No. 3991,10050,3993,3994,4005,3995,4006,3996,3997)**						
	4005	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	3994	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3993	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	3996	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	3997	0.000	RC9	0.05	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	3997	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	3993	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3991	0.159	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	3994	0.000	RC1	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3997	0.150	RC9	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3997	0.150	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3994	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
347	**Continuous Members 17 (Member No. 4014,10645,4016,4017,4028,4018,4029,4019,4020)**						
	4028	0.250	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	4017	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	4019	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	4020	0.000	RC9	0.06	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	4020	0.000	RC9	0.06	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	4014	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	4017	0.000	RC1	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	4018	0.000	RC9	0.14	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	4020	0.150	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	4017	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
349	**Continuous Members 17 (Member No. 4037,10703,4039,4040,4051,4041,4052,4042,4043)**						
	4051	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	10703	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	4040	0.175	RC1	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	4043	0.075	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	4039	0.300	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	4043	0.000	RC9	0.04	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	4043	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	4040	0.175	RC1	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	4043	0.075	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	4040	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	4039	0.300	RC1	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	4051	0.250	RC9	0.12	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	4041	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	10703	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
351	**Continuous Members 17 (Member No. 4072,1184,4074,4075,4086,4076,4087,4077,4078)**						
	4087	0.075	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	4087	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	4072	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	4078	0.000	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1184	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	4077	0.050	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	4078	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	4078	0.000	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1184	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	4072	0.159	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	4075	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	4078	0.150	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	4076	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
352	**Continuous Members 18 (Member No. 4073,4079,4080,1185,4088,4081,1186,4089,4082,4083)**						
	4082	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	4079	0.300	RC9	0.08	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	4073	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	4089	0.075	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	4089	0.150	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	4080	0.064	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1186	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	4080	0.064	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	4089	0.075	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	4089	0.150	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1186	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	4079	0.300	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1186	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1186	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	4073	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	4073	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	4073	0.000	RC9	0.50	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
353	**Continuous Members 17 (Member No. 4095,1252,4097,4098,4109,4099,4110,4100,4101)**						
	4110	0.150	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	4095	0.159	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	4095	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	4097	0.300	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1252	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	4101	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	4097	0.300	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1252	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1252	0.191	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	4097	0.150	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	4101	0.150	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	4101	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1252	0.191	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	1252	0.191	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	4095	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
354	**Continuous Members 18 (Member No. 4096,4102,4103,1253,4111,4104,1254,4112,4105,4106)**						
	4102	0.300	RC9	0.17	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	4096	0.000	RC9	0.20	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	4106	0.150	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1254	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	4106	0.075	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	4106	0.075	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	4106	0.150	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1254	0.124	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1254	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	4104	0.402	RC9	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1254	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	4096	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	4096	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	4096	0.000	RC9	0.82	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
355	**Continuous Members 17 (Member No. 4118,1393,4120,4121,4132,4122,4133,4123,4124)**						
	4133	0.150	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	4118	0.159	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	4118	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	4121	0.350	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	4123	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	4124	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	4124	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	4121	0.350	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1393	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	4120	0.300	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	4124	0.150	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1393	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	4118	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
356	**Continuous Members 18 (Member No. 4119,4125,4126,1394,4134,4127,1395,4135,4128,4129)**						
	4129	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	4119	0.350	RC9	0.17	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	4119	0.000	RC9	0.19	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	4128	0.000	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1395	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	4126	0.064	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	4129	0.075	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	4126	0.064	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	4128	0.000	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1395	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	4129	0.075	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	4119	0.350	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1394	0.000	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1395	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	4119	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	4119	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	4119	0.000	RC9	0.81	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
357	**Continuous Members 17 (Member No. 4141,1416,4143,4144,4155,4145,4156,4146,4147)**						
	4143	0.150	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	4156	0.150	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	4143	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	4141	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1416	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	4146	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	4141	0.079	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	4146	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	4141	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1416	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	4141	0.159	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	4156	0.075	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	4147	0.150	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	4145	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
358	**Continuous Members 18 (Member No. 4142,4148,4149,1417,4157,4150,1432,4158,4151,4152)**						
	1432	0.248	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	4148	0.300	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	4142	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	4151	0.050	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	4150	0.402	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	4149	0.064	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	4158	0.075	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	4149	0.064	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	4151	0.050	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	4150	0.402	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	4150	0.402	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	4149	0.129	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	4150	0.402	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1432	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	4142	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
359	**Continuous Members 74 (Member No. 4485,4521,4614,4507,9495,4523,9501,4501,4610,4522)**						
	9501	0.200	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	4485	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	4523	0.500	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	9501	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	4501	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	4610	0.060	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	4501	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	4521	0.000	RC9	0.08	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	4521	0.000	RC9	0.05	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	4521	0.030	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	4521	0.000	RC9	0.05	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	4523	0.500	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	9501	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	9501	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	4522	0.150	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	4521	0.060	RC9	0.05	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	4485	0.100	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	4521	0.030	RC9	0.01	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	4485	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	4485	0.100	RC9	0.01	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	4485	0.100	RC9	0.18	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	4485	0.100	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	4485	0.000	RC1	0.07	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	4485	0.100	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	4485	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	4485	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
360	**Continuous Members 74 (Member No. 4486,4524,4508,9496,4526,9502,4502,4525)**						
	9502	0.200	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	4486	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	4502	0.000	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	9502	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	4486	0.100	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	4502	0.000	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	9502	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	4525	0.150	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	4486	0.100	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	4524	0.050	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	4486	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9496	0.150	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	4486	0.000	RC1	0.09	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	9496	0.150	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	4486	0.000	RC1	0.09	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	4486	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
361	**Continuous Members 74 (Member No. 4487,4527,4509,9497,4529,9503,4503,4528)**						
	4503	0.050	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	4487	0.100	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	4487	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	4529	0.500	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	4527	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	4528	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	4528	0.075	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	4529	0.500	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	9503	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	4487	0.100	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	4527	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	4487	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	4487	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	4487	0.100	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	4487	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	4487	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
362	**Continuous Members 74 (Member No. 4488,4530,4510,9498,4532,4625,9519,4504,4617,4531)**						
	4488	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	4488	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	4488	0.100	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	4617	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	9519	0.200	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	4617	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	4488	0.100	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	9519	0.200	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	4504	0.040	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	9519	0.000	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	4504	0.040	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	4488	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
363	**Continuous Members 74 (Member No. 4489,4533,4511,9499,4541,4626,9520,4505,4618,4540)**						
	4540	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	4505	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	4505	0.000	RC9	0.07	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	9520	0.200	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	4505	0.000	RC9	0.07	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	4505	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	4505	0.020	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	9520	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	4505	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	4533	0.100	RC9	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	4533	0.100	RC9	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	4505	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
366	**Continuous Members 92 (Member No. 4551,4640,4472,9522,4473,4639)**						
	4472	0.390	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	4551	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	4472	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	4472	0.195	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	4639	0.080	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	4640	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	4639	0.080	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	4639	0.000	RC9	0.28	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	4551	0.000	RC9	0.13	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	4473	0.025	RC9	0.07	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	4551	0.000	RC9	0.13	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	4472	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	4472	0.195	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	9522	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	4472	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	4473	0.025	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	4472	0.390	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9522	0.000	RC9	0.22	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	9522	0.000	RC9	0.69	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	9522	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9522	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	4551	0.000	RC9	0.72	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
367	**Continuous Members 92 (Member No. 4552,4641,4577,4578,9512,4579,4580,4642)**						
	4578	0.390	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	4641	0.140	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	4552	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	4577	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	4552	0.055	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	4641	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	4552	0.055	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	4642	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	4642	0.000	RC9	0.16	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	4642	0.000	RC9	0.04	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	4642	0.080	RC9	0.03	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	4642	0.000	RC9	0.05	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	4577	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	4552	0.055	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	4580	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	4642	0.040	RC9	0.00	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	4642	0.080	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	4579	0.110	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	4642	0.040	RC9	0.05	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	4642	0.080	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	4642	0.080	RC9	0.01	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	4642	0.080	RC9	0.27	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	4552	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	4552	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	4552	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
368	**Continuous Members 92 (Member No. 4553,4643,4581,4582,9513,4583,4584,4644)**						
	4644	0.080	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	4553	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	4643	0.140	RC9	0.12	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	4644	0.000	RC9	0.06	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	4644	0.040	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	4644	0.000	RC9	0.06	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	4553	0.000	RC9	0.07	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	4553	0.000	RC9	0.07	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	4553	0.055	RC9	0.00	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	4553	0.000	RC9	0.07	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	4643	0.140	RC9	0.12	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	4553	0.000	RC9	0.11	≤ 1	CS146)	Cross-section check - Bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	4643	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	4643	0.140	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	4553	0.000	RC9	0.08	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	4583	0.055	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	4644	0.080	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	4644	0.080	RC9	0.02	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	4553	0.110	RC9	0.21	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	4553	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	4553	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	4583	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
369	**Continuous Members 92 (Member No. 4554,4585,4586,9514,4587,4588)**						
	4585	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	9514	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	4587	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	4554	0.000	RC9	0.13	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	4554	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	4554	0.000	RC9	0.13	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	4588	0.130	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	4588	0.130	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	4588	0.130	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	4588	0.130	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	4554	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	4554	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	4585	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
370	**Continuous Members 92 (Member No. 4555,4589,4590,9515,4591,4592)**						
	4555	0.250	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	4555	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	4555	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	4589	0.120	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	4555	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	4592	0.065	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	4555	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	4555	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	4555	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	4555	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
371	**Continuous Members 92 (Member No. 4556,4645,4593,4594,9516,4595,4596,4646)**						

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	4645	0.140	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	4556	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	9516	0.150	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	4645	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	9516	0.150	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	4593	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	9516	0.300	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	4595	0.055	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	4646	0.080	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	4556	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	4556	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	4556	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
372	**Continuous Members 92 (Member No. 4557,4647,4597,4598,9517,4599,4600,4650)**						
	4647	0.140	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	4557	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	4599	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	4650	0.000	RC9	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	4650	0.040	RC9	0.02	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	4650	0.080	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	9517	0.150	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	4600	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	4647	0.140	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	4650	0.080	RC9	0.02	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	4650	0.080	RC9	0.19	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	4557	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	4557	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	4557	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
373	**Continuous Members 92 (Member No. 4558,4648,4601,9518,4602,4651)**						
	4601	0.390	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	4651	0.080	RC1	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	4558	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	4651	0.080	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	4558	0.055	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	4558	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	4558	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	4558	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	4651	0.080	RC9	0.05	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	4651	0.000	RC9	0.02	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	4651	0.080	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	4558	0.055	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	4558	0.110	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	4651	0.080	RC9	0.00	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	4601	0.195	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	4558	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	4558	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	4651	0.080	RC9	0.00	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	4651	0.080	RC9	0.08	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	4558	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	4558	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	4558	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
374	**Continuous Members 92 (Member No. 4567,4649,4603,354,4604,4652)**						
	4567	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	4603	0.195	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	4604	0.025	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	4567	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	4567	0.110	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	4567	0.055	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	4603	0.195	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	4604	0.025	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	4652	0.080	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	4652	0.080	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	4567	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	4652	0.080	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	4567	0.000	RC1	0.03	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
375	**Continuous Members 6 (Member No. 4654,4662,4656,4684,4663,4658,4686,4664)**						
	4662	0.100	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	4654	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	4654	0.000	RC1	0.25	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	4654	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	4654	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	4654	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	4654	0.000	RC1	0.25	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	4658	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	4656	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	4654	0.000	RC1	0.26	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	4662	0.100	RC9	0.09	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	4654	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	4656	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	4654	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	4654	0.000	RC9	0.47	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
376	**Continuous Members 8 (Member No. 4655,4665,4657,4685,4666,4659,4687,4667)**						
	4665	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	4655	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	4659	0.000	RC9	0.34	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	4685	0.175	RC1	0.10	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	4659	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	4665	0.100	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	4667	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	4659	0.000	RC9	0.34	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	4685	0.175	RC1	0.10	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	4659	0.000	RC9	0.12	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	4666	0.700	RC9	0.35	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	4655	0.000	RC1	0.24	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	4665	0.100	RC9	0.12	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	4655	0.000	RC9	0.42	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
377	**Continuous Members 18 (Member No. 4668,4672,4673,4863,5275,4674,4864,5276,4675,4676)**						
	4672	0.300	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	4668	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5276	0.050	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	4674	0.000	RC1	0.11	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	4668	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	4668	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	4675	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	5276	0.050	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	4674	0.000	RC1	0.11	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	4675	0.000	RC1	0.06	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force a

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
							acc. to 6.2.6, 6.2.7 and 6.2.9
	5276	0.050	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	5275	0.100	RC1	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	4672	0.300	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	4668	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	4668	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	4668	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
378	**Continuous Members 18 (Member No. 4669,4677,4678,4865,5281,4679,4866,5282,4680,4681)**						
	4678	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	4669	0.000	RC9	0.12	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	4680	0.100	RC1	0.26	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	4669	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5281	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	4680	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	4669	0.000	RC9	0.12	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	4680	0.100	RC1	0.26	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	4677	0.300	RC9	0.11	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	4678	0.000	RC9	0.32	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	4866	0.100	RC1	0.21	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	4677	0.300	RC9	0.12	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	4669	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
379	**Continuous Members 6 (Member No. 4690,4693,4691,4703,4694,4692,4704,4695)**						
	4690	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	4693	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	4690	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	4703	0.175	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	4691	0.000	RC1	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	4690	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	4692	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	4703	0.175	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	4691	0.000	RC1	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	4691	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	4703	0.175	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	4695	0.100	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	4693	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
380	**Continuous Members 18 (Member No. 4696-4698,4861,5269,4699,4862,5270,4700,4701)**						
	5269	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	4701	0.150	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	4698	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	4862	0.050	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	4699	0.325	RC1	0.13	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	4700	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	4862	0.100	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	4862	0.050	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	4699	0.325	RC1	0.13	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	4861	0.150	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	4698	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	4700	0.050	RC1	0.21	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	4700	0.000	RC1	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
381	**Continuous Members 8 (Member No. 4709,4714,4710,4726,4715,4711,4727,4716)**						
	4714	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	4709	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	4716	0.050	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	4709	0.000	RC1	0.23	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	4711	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	4714	0.100	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	4711	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	4716	0.050	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	4709	0.000	RC1	0.23	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	4709	0.000	RC1	0.06	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	4715	0.350	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	4709	0.000	RC1	0.24	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	4714	0.100	RC9	0.13	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	4709	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	4709	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	4709	0.000	RC9	0.45	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
382	**Continuous Members 18 (Member No. 4717,4720,4721,4867,5287,4722,4868,5288,4723,4724)**						
	4721	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	4717	0.100	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	4717	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5287	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	5288	0.025	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	4717	0.100	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	4723	0.000	RC1	0.07	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	4720	0.300	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	4724	0.150	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	4720	0.300	RC9	0.10	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	4721	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
383	**Continuous Members 8 (Member No. 4729,4734,4730,4746,4735,4731,4747,4736)**						
	4734	0.100	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	4729	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	4736	0.050	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	4729	0.000	RC1	0.22	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	4729	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	4731	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	4729	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	4736	0.050	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	4729	0.000	RC1	0.22	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	4729	0.150	RC1	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	4735	0.350	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	4729	0.000	RC1	0.23	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	4734	0.100	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	4729	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	4729	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	4729	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
384	**Continuous Members 18 (Member No. 4737,4740,4741,4869,5297,4742,4870,5298,4743,4744)**						
	4740	0.300	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	4737	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5297	0.100	RC1	0.12	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	4737	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	4870	0.100	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	4744	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	5297	0.100	RC1	0.12	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	5298	0.050	RC1	0.05	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	4740	0.300	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	4743	0.100	RC1	0.25	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	4744	0.150	RC1	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	4737	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
385	**Continuous Members 8 (Member No. 4749,4752,4750,4762,4753,4751,4763,4754)**						
	4749	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	4749	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	4752	0.100	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	4749	0.075	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	4753	0.700	RC1	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	4762	0.350	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	4752	0.100	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	4749	0.000	RC1	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
386	**Continuous Members 18 (Member No. 4755-4757,4871,5299,4758,4872,5300,4759,4760)**						
	4755	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	4760	0.150	RC1	0.10	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	4759	0.050	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5300	0.050	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	4759	0.050	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	4760	0.150	RC1	0.10	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	4759	0.000	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	4760	0.075	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	4759	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	5300	0.050	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	4755	0.000	RC1	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
387	**Continuous Members 6 (Member No. 4770,4773,4771,4783,4774,4772,4784,4775)**						
	4773	0.050	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	4774	0.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	4772	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	4773	0.100	RC1	0.07	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	4773	0.050	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	4773	0.100	RC1	0.07	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	4774	0.700	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	4771	0.000	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	4771	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	4774	0.350	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	4772	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
388	**Continuous Members 18 (Member No. 4776-4778,5345,5346,4779,5347,5348,4780,4781)**						
	4777	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	4780	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5348	0.050	RC9	0.10	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	4780	0.100	RC1	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	4780	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5348	0.050	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	4780	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	5348	0.050	RC9	0.10	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	4780	0.100	RC1	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	4778	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	4778	0.000	RC1	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	4779	0.325	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	4780	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	4776	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
389	**Continuous Members 8 (Member No. 4789,4794,4790,4806,4795,4791,4807,4796)**						
	4794	0.100	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	4789	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	4791	0.000	RC9	0.27	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 -

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
							- Class 1 or 2
	4791	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	4791	0.000	RC9	0.27	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	4795	0.700	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	4794	0.100	RC9	0.35	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	4795	0.700	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	4794	0.100	RC9	0.12	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	4789	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	4789	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	4789	0.000	RC9	0.66	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
390	**Continuous Members 18 (Member No. 4797,4800,4801,5361,5362,4802,5363,5364,4803,4804)**						
	4800	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	4797	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	4800	0.300	RC9	0.22	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	4797	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5364	0.050	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	4804	0.150	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	4800	0.300	RC9	0.22	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	5364	0.025	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	4800	0.300	RC9	0.22	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	4803	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	4800	0.300	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	4797	0.100	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	4797	0.100	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	4797	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
391	**Continuous Members 6 (Member No. 4810,4813,4811,7505,4823,4814,7523,4812,4824,4815)**						
	4814	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	4813	0.100	RC9	0.10	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	4810	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	7523	0.300	RC1	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	4810	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	4811	0.300	RC1	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	4810	0.075	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	7523	0.300	RC1	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	4813	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	4811	0.000	RC9	0.32	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	4810	0.000	RC1	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	4813	0.100	RC9	0.10	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	4810	0.000	RC9	0.68	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
392	**Continuous Members 18 (Member No. 4816,4817,7533,4818,5377,5378,4819,7542,5379,5380,4820,4821)**						
	7533	0.100	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	7533	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	4821	0.150	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	4821	0.000	RC1	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	7533	0.050	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5377	0.150	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	7533	0.050	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	4821	0.150	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	4821	0.000	RC1	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	4817	0.200	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	4817	0.200	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	4818	0.350	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	4819	0.100	RC1	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	4816	0.100	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	4816	0.100	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	7533	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
393	**Continuous Members 8 (Member No. 4829,4832,4830,4842,4833,4831,4843,4834)**						
	4832	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	4829	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	4831	0.000	RC9	0.07	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	4834	0.100	RC1	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	4831	0.000	RC9	0.07	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	4832	0.100	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	4833	0.700	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	4842	0.350	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	4832	0.100	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	4829	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
394	**Continuous Members 18 (Member No. 4835-4837,5313,5314,4838,5315,5316,4839,4840)**						
	4839	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	4836	0.300	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	4835	0.100	RC1	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5316	0.050	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	4838	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	4836	0.300	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	5316	0.050	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	4836	0.300	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	5316	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	4839	0.000	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	4835	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
395	**Continuous Members 8 (Member No. 4845,4848,4846,4858,4849,4847,4859,4850)**						
	4848	0.100	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	4845	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	4846	0.000	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	4848	0.100	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	4846	0.000	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	4845	0.000	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	4846	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	4845	0.000	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	4848	0.100	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	4846	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	4846	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	4845	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
396	**Continuous Members 18 (Member No. 4851-4853,5329,5330,4854,5331,5332,4855,4856)**						
	4852	0.300	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	4851	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	4852	0.300	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	5330	0.100	RC1	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	4856	0.075	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5332	0.050	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	4856	0.150	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	4852	0.300	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	5330	0.100	RC1	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	5332	0.050	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	4852	0.300	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	4856	0.075	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	4855	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial f

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
							force acc. to 6.2.10 and 6.2.9
	4851	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
397	**Continuous Members 397 (Member No. 5439,5546,5491,5548,11933,5549)**						
	5549	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	5439	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5439	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5439	0.000	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	5439	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	11933	0.000	RC9	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	5546	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	5439	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	11933	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5439	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5439	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5439	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
398	**Continuous Members 398 (Member No. 5440,5547,5492,5550,11945,5493)**						
	5493	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	5440	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5440	0.000	RC9	0.08	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	5440	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	11945	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	5440	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	5440	0.000	RC9	0.08	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	5440	0.050	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	5550	0.000	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	11945	0.140	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	11945	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5440	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5440	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5440	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
399	**Continuous Members 397 (Member No. 5445,5553,5512,5494,5551,5514)**						
	5553	0.150	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	5445	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5553	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5514	0.100	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	5551	0.025	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	5551	0.050	RC9	0.20	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	5445	0.050	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	5551	0.050	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5445	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5445	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5445	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
400	**Continuous Members 398 (Member No. 5446,5554,5555,5495,5552,5496)**						
	5554	0.150	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	5446	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5554	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5552	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	5552	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	5555	0.100	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	5496	0.000	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	5495	0.325	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	5552	0.050	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5446	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5446	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	5446	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
401	**Continuous Members 397 (Member No. 5453,5558,5513,5497,5556,5515)**						
	5453	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5556	0.025	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5556	0.050	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	5556	0.025	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	5515	0.000	RC9	0.22	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	5515	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	5556	0.050	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5453	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5453	0.000	RC1	0.12	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	5453	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5453	0.000	RC1	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	5453	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
402	**Continuous Members 398 (Member No. 5454,5559,5564,5498,5557,5569,5499)**						
	5454	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5557	0.025	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5557	0.050	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	5557	0.025	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	5569	0.000	RC9	0.25	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	5557	0.025	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	5569	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5454	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5454	0.000	RC1	0.10	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	5454	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5454	0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	5454	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
403	**Continuous Members 397 (Member No. 5461,5560,5500,5565)**						
	5565	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5461	0.100	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5500	0.700	RC9	0.20	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	5500	0.350	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	5565	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5461	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5461	0.000	RC1	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	5461	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5461	0.000	RC1	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	5565	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
404	**Continuous Members 398 (Member No. 5462,5561,5501,5566,5502)**						
	5566	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5462	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5566	0.000	RC9	0.24	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	5566	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	5566	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5462	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5462	0.000	RC1	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	5462	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5462	0.000	RC1	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	5462	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
405	**Continuous Members 397 (Member No. 5469,5562,5503,5567)**						
	5562	0.050	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	5469	0.200	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	5469	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5469	0.200	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 -

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
							- Class 1 or 2
	5567	0.100	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	5469	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5469	0.200	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	5567	0.100	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	5567	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	5503	0.700	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	5503	0.350	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	5503	0.700	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5469	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5469	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5469	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
406	**Continuous Members 398 (Member No. 5470,5563,5504,5568,5505)**						
	5470	0.200	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	5470	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5504	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	5568	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5504	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	5505	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	5568	0.000	RC9	0.21	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	5504	0.350	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	5504	0.700	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5470	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5470	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5470	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
407	**Continuous Members 397 (Member No. 5477,5506)**						
	5477	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5477	0.200	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5477	0.200	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	5506	0.800	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	5477	0.200	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5477	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5477	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5477	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
408	**Continuous Members 398 (Member No. 5478,5507,5508)**						
	5478	0.200	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	5478	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5478	0.200	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	5478	0.200	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5478	0.200	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	5508	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	5507	0.700	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	5508	0.100	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	5508	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5478	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5478	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5478	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
409	**Continuous Members 397 (Member No. 5485,5509)**						
	5509	0.900	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	5509	0.700	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5485	0.200	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	5509	0.700	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5485	0.200	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	5509	0.700	RC9	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force a

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
							acc. to 6.2.6, 6.2.7 and 6.2.9
	5509	0.700	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	5485	0.300	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	5509	0.700	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5485	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5485	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5509	0.700	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
410	**Continuous Members 398 (Member No. 5486,5510,5511)**						
	5486	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5486	0.300	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5510	0.700	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	5511	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	5510	0.700	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5486	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5486	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5486	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
411	**Continuous Members 397 (Member No. 5584,5628,5605,5629,11793,5630)**						
	5584	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5584	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5584	0.000	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	5584	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	11793	0.070	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	11793	0.070	RC9	0.15	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	11793	0.000	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5584	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5584	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5584	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
412	**Continuous Members 397 (Member No. 5587,5632,5612,5606,5631,5614)**						
	5632	0.150	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	5587	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5632	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5587	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	5631	0.025	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	5612	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	5631	0.050	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	5632	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	5631	0.050	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5587	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5587	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5587	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
413	**Continuous Members 397 (Member No. 5590,5634,5613,5607,5633,5615)**						
	5590	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5590	0.025	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	5633	0.025	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5633	0.050	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	5633	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	5590	0.025	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	5633	0.050	RC9	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	5633	0.050	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	5633	0.025	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	5615	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5590	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5590	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
							6.3.1.1 and 6.3.1.2(4)
	5590	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
414	**Continuous Members 397 (Member No. 5593,5635,5608,5637)**						
	5637	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5593	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5608	0.700	RC9	0.21	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	5608	0.350	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	5608	0.700	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5637	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5637	0.000	RC1	0.14	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	5637	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5637	0.000	RC1	0.14	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	5593	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
415	**Continuous Members 397 (Member No. 5596,5636,5609,5638)**						
	5596	0.200	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	5596	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5609	0.700	RC9	0.11	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	5596	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5609	0.700	RC9	0.11	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	5596	0.200	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	5609	0.350	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	5609	0.700	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5596	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5596	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5596	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
416	**Continuous Members 397 (Member No. 5599,5610)**						
	5599	0.200	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	5599	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5599	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5610	0.700	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	5610	0.700	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	5610	0.900	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	5610	0.700	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5599	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5599	0.200	RC1	0.12	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	5599	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5599	0.200	RC1	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	5599	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
417	**Continuous Members 397 (Member No. 5602,5611)**						
	5602	0.200	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	5602	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5602	0.200	RC9	0.14	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	5611	0.700	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5602	0.200	RC9	0.14	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	5611	0.700	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	5611	0.700	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	5611	0.900	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	5611	0.700	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5602	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5602	0.000	RC1	0.13	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	5602	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5602	0.000	RC1	0.13	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	5602	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
							6.3.3, Method 2
418	**Continuous Members 418 (Member No. 5655,11764,5768,5769)**						
	5769	0.010	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	5655	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	11764	0.190	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	5769	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5769	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	5769	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	11764	0.190	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	5769	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	11764	0.190	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	11764	0.095	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	5769	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5655	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5655	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5655	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
419	**Continuous Members 418 (Member No. 5659,5694,5774,5688,5772)**						
	5659	0.200	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	5659	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5694	0.045	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5772	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	5772	0.000	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	5688	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	5688	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	5772	0.000	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	5688	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5659	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5659	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5659	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
420	**Continuous Members 418 (Member No. 5663,5695,5777,5689,5776)**						
	5663	0.000	RC1	0.12	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5695	0.045	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5776	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	5689	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	5777	0.355	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	5689	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5663	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5663	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5663	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
421	**Continuous Members 418 (Member No. 5667,5696,5690)**						
	5667	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5696	0.400	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5696	0.800	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	5696	0.800	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5667	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5667	0.000	RC1	0.16	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	5667	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5667	0.000	RC1	0.16	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	5667	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
422	**Continuous Members 418 (Member No. 5671,5697,5691)**						
	5671	0.200	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	5671	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5697	0.400	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5671	0.200	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	5697	0.400	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	5697	0.800	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5671	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5671	0.000	RC1	0.13	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	5671	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5671	0.000	RC1	0.13	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	5671	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
423	**Continuous Members 418 (Member No. 5675,5698,5692)**						
	5675	0.200	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	5675	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5698	0.000	RC9	0.10	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	5698	0.400	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5698	0.000	RC9	0.10	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	5698	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	5675	0.200	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	5692	0.200	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	5675	0.200	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5675	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5675	0.000	RC1	0.14	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	5675	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5675	0.000	RC1	0.14	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	5675	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
424	**Continuous Members 418 (Member No. 5679,5699,5693)**						
	5679	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5699	0.400	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5679	0.200	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	5693	0.200	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	5699	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5679	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5679	0.000	RC1	0.14	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	5679	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5679	0.000	RC1	0.14	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	5679	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
425	**Continuous Members 418 (Member No. 5713,11762,5770,5771)**						
	5770	0.450	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	5771	0.010	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	5713	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	11762	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	11762	0.095	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	11762	0.095	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	11762	0.190	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	11762	0.095	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	11762	0.095	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	11762	0.190	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5713	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5713	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5713	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
426	**Continuous Members 418 (Member No. 5717,5752,5775,5746,5773)**						
	5717	0.200	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	5717	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5775	0.355	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	5752	0.045	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	5752	0.045	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	5773	0.010	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	5773	0.005	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	5775	0.355	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	5752	0.045	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	5746	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	5717	0.200	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	5752	0.090	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	5773	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5717	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5717	0.000	RC1	0.10	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	5717	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5717	0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	5717	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
427	**Continuous Members 418 (Member No. 5721,5753,5779,5747,5778)**						
	5721	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5753	0.045	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5778	0.005	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	5778	0.005	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	5753	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	5721	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	5721	0.200	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5721	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5721	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5721	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
428	**Continuous Members 418 (Member No. 5725,5754,5748)**						
	5754	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5754	0.400	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5725	0.200	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	5748	0.200	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	5754	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5754	0.400	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5725	0.000	RC1	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	5754	0.400	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5725	0.000	RC1	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	5748	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
429	**Continuous Members 418 (Member No. 5729,5755,5749)**						
	5749	0.200	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	5729	0.200	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	5729	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5755	0.400	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5729	0.200	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	5749	0.200	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	5755	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5729	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5729	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5729	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
430	**Continuous Members 418 (Member No. 5733,5756,5750)**						
	5733	0.200	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	5733	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5756	0.400	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5750	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	5756	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	5750	0.200	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	5756	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5733	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5733	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5733	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
431	**Continuous Members 418 (Member No. 5737,5757,5751)**						
	5737	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5757	0.400	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5757	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	5751	0.200	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	5737	0.200	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5737	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5737	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5751	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
432	**Continuous Members 418 (Member No. 5783,5975,5792,5977,5790,5976)**						
	5977	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	5976	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	5975	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	5792	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5976	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	5975	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	5976	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
433	**Continuous Members 418 (Member No. 5787,5981,5793,5983,5791,5982)**						
	5787	0.050	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	5787	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5982	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	5981	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	5981	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5982	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	5981	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	5982	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	5981	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
434	**Continuous Members 418 (Member No. 5797,5978,5806,5980,5804,5979)**						
	5797	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5806	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5980	0.700	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	5979	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5797	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5797	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5804	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
435	**Continuous Members 418 (Member No. 5801,5984,5807,5986,5805,5985)**						
	5801	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5985	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5986	0.700	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	5805	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5801	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5801	0.000	RC1	0.12	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	5801	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5801	0.000	RC1	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	5801	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
436	**Continuous Members 418 (Member No. 5815,5810,5817,5825,5816,5811)**						
	5815	0.050	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	5811	0.050	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	5811	0.100	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 -

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
							- Class 1 or 2
	5811	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5811	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	5811	0.050	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	5811	0.050	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	5811	0.100	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	5825	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
437	**Continuous Members 418 (Member No. 5821,5972,5823,5974,5822,5973)**						
	5973	0.100	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	5821	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5821	0.100	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	5974	0.350	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	5823	0.050	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5973	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	5823	0.050	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	5821	0.100	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	5974	0.350	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	5974	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	5823	0.050	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	5823	0.100	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	5821	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5821	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5821	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5821	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
438	**Continuous Members 418 (Member No. 5829,5833,5832)**						
	5832	0.100	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	5829	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5832	0.100	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	5832	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5832	0.100	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	5833	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	5829	0.200	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
439	**Continuous Members 418 (Member No. 5837,5841,5840)**						
	5840	0.200	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	5837	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5840	0.100	RC9	0.12	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	5841	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5840	0.100	RC9	0.12	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	5840	0.100	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	5841	0.800	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	5841	0.800	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5837	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5837	0.000	RC1	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	5837	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5837	0.000	RC1	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	5841	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
440	**Continuous Members 418 (Member No. 5847,11860,5851,5850,8208)**						
	8208	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	8208	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	5850	0.100	RC1	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	8208	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	8208	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	5850	0.100	RC1	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	8208	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force a

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
							acc. to 6.2.6, 6.2.7 and 6.2.9
441	**Continuous Members 418 (Member No. 5855,11861,5859,5858,8209)**						
	11861	0.100	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	5855	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5859	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5858	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	11861	0.100	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	5858	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	8209	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5855	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5855	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5855	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
442	**Continuous Members 418 (Member No. 5865,11862,5867,5866,8213)**						
	11862	0.100	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	5865	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	8213	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5867	0.800	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	5867	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	8213	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	5866	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5865	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5865	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5865	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
443	**Continuous Members 418 (Member No. 5871,11863,5873,5872,8214)**						
	11863	0.100	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	5871	0.000	RC9	0.12	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5872	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5872	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	11863	0.100	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	5872	0.100	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	5872	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5871	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5871	0.000	RC1	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	5871	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5871	0.000	RC1	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	5871	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
444	**Continuous Members 418 (Member No. 5879,5881,5880)**						
	5879	0.200	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	5879	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5879	0.200	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	5881	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5879	0.200	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	5881	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	5880	0.100	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	5880	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	5881	0.800	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5879	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5879	0.000	RC1	0.15	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	5879	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5879	0.000	RC1	0.15	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	5879	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
445	**Continuous Members 418 (Member No. 5885,5887,5886)**						

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	5885	0.200	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	5885	0.000	RC1	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5886	0.100	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	5887	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5886	0.100	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	5886	0.100	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	5886	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	5886	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5885	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5885	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5885	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
446	**Continuous Members 418 (Member No. 5893,5895,5894)**						
	5894	0.200	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	5893	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5894	0.200	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5894	0.200	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	5893	0.100	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	5895	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	5894	0.200	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5895	0.100	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5893	0.000	RC1	0.10	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	5895	0.100	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5893	0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	5893	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
447	**Continuous Members 418 (Member No. 5899,5901,5900)**						
	5900	0.200	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	5899	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5901	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5899	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	5899	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	5900	0.200	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5899	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5899	0.000	RC1	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	5899	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5899	0.000	RC1	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	5899	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
448	**Continuous Members 418 (Member No. 5907,5909,5908)**						
	5907	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5907	0.200	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5909	0.800	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	5907	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	5908	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5907	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5907	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5907	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
449	**Continuous Members 418 (Member No. 5913,5915,5914)**						
	5913	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5913	0.200	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5913	0.100	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	5914	0.200	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	5914	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5913	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	5913	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5914	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
450	**Continuous Members 418 (Member No. 5921,5923,5922)**						
	5921	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5921	0.100	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5922	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	5922	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5921	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5921	0.000	RC1	0.12	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	5921	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5921	0.000	RC1	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	5922	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
451	**Continuous Members 418 (Member No. 5927,5929,5928)**						
	5928	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5927	0.100	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	5929	0.800	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	5928	0.200	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	5928	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5927	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5927	0.000	RC1	0.16	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	5927	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	5927	0.000	RC1	0.16	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	5927	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
452	**Continuous Members 418 (Member No. 10874,10879,11850,11849,10875)**						
	10874	0.200	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	10874	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	10879	0.050	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	10875	0.100	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	11850	0.150	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	11849	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	10875	0.200	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	11849	0.000	RC9	0.12	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	11850	0.300	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	10874	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	10874	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	10874	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
453	**Continuous Members 418 (Member No. 10990,10992,11853,11852,10991)**						
	10990	0.200	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	10990	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	10991	0.100	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	11852	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	10991	0.200	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	11853	0.300	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	10991	0.200	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	11852	0.000	RC9	0.17	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	11852	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	10990	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	10990	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	10990	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
454	**Continuous Members 418 (Member No. 6019,6209,6028,6211,6026,6210)**						
	6019	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	6209	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	6211	0.700	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	6026	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	6026	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	6211	0.700	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6019	0.000	RC1	0.10	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	6211	0.700	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6019	0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	6026	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
455	**Continuous Members 418 (Member No. 6023,6215,6029,6217,6027,6216)**						
	6023	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	6215	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	6027	0.000	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	6027	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	6027	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	6023	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6023	0.000	RC1	0.13	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	6023	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6023	0.000	RC1	0.13	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	6023	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
456	**Continuous Members 418 (Member No. 6033,6212,6042,6214,6040,6213)**						
	6214	0.350	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	6212	0.100	RC9	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	6033	0.000	RC9	0.17	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	6212	0.100	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	6212	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	6212	0.100	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	6212	0.100	RC9	0.26	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	6214	0.700	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	6033	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6033	0.000	RC1	0.12	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	6033	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6033	0.000	RC1	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	6033	0.000	RC9	0.52	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
457	**Continuous Members 418 (Member No. 6037,6218,6043,6220,6041,6219)**						
	6219	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	6041	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	6041	0.000	RC1	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	6218	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	6041	0.000	RC1	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	6043	0.000	RC9	0.24	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	6043	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	6041	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	6037	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6037	0.000	RC1	0.14	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	6037	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6037	0.000	RC1	0.14	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	6041	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
458	**Continuous Members 418 (Member No. 6051,6046,6053,6061,6052,6047)**						
	6047	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	6051	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	6047	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	6051	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	6051	0.050	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	6046	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force a

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
							acc. to 6.2.9.1
	6061	0.350	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	6051	0.100	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	6051	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6051	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6051	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
459	**Continuous Members 418 (Member No. 6057,6206,6059,6208,6058,6207)**						
	6207	0.100	RC9	0.10	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	6057	0.000	RC9	0.18	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	6057	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	6057	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	6057	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	6208	0.350	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	6208	0.350	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	6057	0.100	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	6057	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6057	0.000	RC1	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	6057	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6057	0.000	RC1	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	6057	0.000	RC9	0.57	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
460	**Continuous Members 418 (Member No. 6065,6069,6068)**						
	6065	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	6069	0.800	RC9	0.19	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	6069	0.100	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	6069	0.800	RC9	0.19	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	6069	0.800	RC9	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	6069	0.800	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	6068	0.200	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	6069	0.800	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	6065	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6065	0.000	RC1	0.12	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	6065	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6065	0.000	RC1	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	6065	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
461	**Continuous Members 418 (Member No. 6073,6077,6076)**						
	6073	0.200	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	6073	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	6077	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	6077	0.800	RC9	0.24	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	6073	0.200	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	6073	0.200	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	6073	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6073	0.000	RC1	0.14	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	6073	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6073	0.000	RC1	0.14	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	6073	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
462	**Continuous Members 418 (Member No. 6083,6087,6086,8212)**						
	6083	0.200	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	6083	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	6087	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	6087	0.000	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	6087	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and a

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
							axial force acc. to 6.2.9.1
	6083	0.200	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	6083	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6083	0.000	RC1	0.10	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	6083	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6083	0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	6083	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
463	**Continuous Members 418 (Member No. 6091,11864,6095,6094,8210)**						
	11864	0.100	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	6091	0.000	RC9	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	6095	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	6094	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	11864	0.100	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	6094	0.100	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	11864	0.100	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	6091	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6091	0.000	RC1	0.12	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	6091	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6091	0.000	RC1	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	6091	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
464	**Continuous Members 418 (Member No. 6101,11865,6103,6102,11761)**						
	11865	0.100	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	6101	0.000	RC9	0.12	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	6103	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	11761	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	11761	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	6103	0.800	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	6102	0.000	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	11761	0.050	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	6103	0.800	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	6101	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6101	0.000	RC1	0.12	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	6101	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6101	0.000	RC1	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	6101	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
465	**Continuous Members 418 (Member No. 6107,11866,6109,6108,8215)**						
	11866	0.100	RC9	0.08	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	6107	0.000	RC9	0.16	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	6109	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	8215	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	8215	0.050	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	6109	0.800	RC9	0.22	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	8215	0.050	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	6109	0.800	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	6107	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6107	0.000	RC1	0.13	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	6107	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6107	0.000	RC1	0.13	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	6107	0.000	RC9	0.51	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
466	**Continuous Members 418 (Member No. 6114,6116,6115)**						
	6114	0.200	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	6114	0.000	RC1	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	6116	0.100	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	6115	0.100	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	6114	0.200	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	6115	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	6116	0.800	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	6114	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6114	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6114	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
467	**Continuous Members 418 (Member No. 6120,6122,6121)**						
	6120	0.200	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	6120	0.000	RC9	0.15	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	6122	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	6121	0.200	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	6121	0.100	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	6120	0.200	RC9	0.24	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	6121	0.200	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	6122	0.800	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	6120	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6120	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6120	0.000	RC9	0.48	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
468	**Continuous Members 418 (Member No. 6127,6129,6128)**						
	6128	0.200	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	6127	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	6128	0.200	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	6128	0.100	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	6128	0.200	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	6127	0.100	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	6128	0.200	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	6128	0.200	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	6127	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6127	0.000	RC1	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	6127	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6127	0.000	RC1	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	6127	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
469	**Continuous Members 418 (Member No. 6133,6135,6134)**						
	6134	0.200	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	6133	0.000	RC9	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	6135	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	6134	0.200	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	6134	0.200	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	6134	0.200	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	6134	0.100	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	6134	0.200	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	6133	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6133	0.000	RC1	0.13	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	6133	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6133	0.000	RC1	0.13	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	6133	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
470	**Continuous Members 418 (Member No. 6141,6143,6142)**						
	6141	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	6143	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	6142	0.100	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	6142	0.100	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	6142	0.100	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force a

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
							acc. to 6.2.9.1
	6142	0.100	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	6142	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	6141	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6141	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6142	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
471	**Continuous Members 418 (Member No. 6147,6149,6148)**						
	6147	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	6149	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	6148	0.100	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	6148	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	6149	0.800	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	6147	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6147	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6147	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
472	**Continuous Members 418 (Member No. 6155,6157,6156)**						
	6156	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	6155	0.100	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	6156	0.100	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	6156	0.100	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	6156	0.100	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	6156	0.200	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	6156	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	6155	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6156	0.000	RC1	0.16	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	6155	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6156	0.000	RC1	0.16	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	6155	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
473	**Continuous Members 418 (Member No. 6161,6163,6162)**						
	6161	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	6161	0.100	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	6162	0.200	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	6162	0.200	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	6162	0.100	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	6162	0.100	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	6162	0.000	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	6161	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6161	0.000	RC1	0.16	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	6161	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6161	0.000	RC1	0.16	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	6162	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
474	**Continuous Members 418 (Member No. 11008,11010,11856,11855,11009)**						
	11008	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	11010	0.050	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	11009	0.100	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	11009	0.100	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	11856	0.300	RC9	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	11855	0.200	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	11855	0.000	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	11856	0.300	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	11008	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	11008	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	11008	0.000	RC9	0.42	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
475	**Continuous Members 418 (Member No. 11014,11016,11859,11858,11015)**						
	11014	0.200	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	11014	0.000	RC1	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	11015	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	11859	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	11015	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	11014	0.100	RC9	0.05	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	11015	0.200	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	11858	0.000	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	11014	0.200	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	11014	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	11014	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	11014	0.000	RC9	0.53	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
476	**Continuous Members 476 (Member No. 6255,6347,6348,8909,6349,8910,6350,6351)**						
	6349	0.650	RC9	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	8909	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	8909	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	6347	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	6347	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	8910	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	8909	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	6347	0.100	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	6348	0.550	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	6347	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6255	0.000	RC1	0.07	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	6347	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6255	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	8909	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
477	**Continuous Members 477 (Member No. 6260,6292,6352,8911,6353,8912,6354,6355)**						
	6355	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	6260	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	6353	0.000	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	8911	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	8911	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	6353	0.000	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	8911	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	8911	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	8911	0.150	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	6352	0.550	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	8911	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	6260	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6260	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6260	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
478	**Continuous Members 478 (Member No. 6256,6392,6364,8913,6393,6365)**						
	6364	0.650	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	6365	0.100	RC9	0.08	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	6393	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	6364	0.325	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	8913	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	6364	0.325	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	6256	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	6256	0.100	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	6393	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and a

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
							axial force acc. to 6.2.9.1
	6256	0.200	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	6256	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6256	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6393	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
479	**Continuous Members 479 (Member No. 6261,6380,6366,8914,6382,6367)**						
	6366	0.325	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	6367	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	8914	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	6261	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	6382	0.100	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	8914	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	6261	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	6382	0.100	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	6366	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	6261	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	6261	0.200	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	6261	0.200	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	8914	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	8914	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
480	**Continuous Members 476 (Member No. 6265,6337,6338,8915,6339,8916,6340,6341)**						
	6337	0.100	RC9	0.17	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	6265	0.000	RC9	0.22	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	6338	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	8915	0.075	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	6337	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	6337	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	6338	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	6265	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	8915	0.075	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	6337	0.050	RC9	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	6338	0.550	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	6339	0.325	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6265	0.000	RC1	0.09	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	6339	0.325	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6265	0.000	RC1	0.09	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	6265	0.000	RC9	0.61	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
481	**Continuous Members 477 (Member No. 6270,6342,6343,8917,6344,8918,6345,6346)**						
	6345	0.100	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	6346	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	6270	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	8917	0.150	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	6343	0.550	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	8917	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	8917	0.150	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	6343	0.550	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	6270	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	8917	0.150	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	6343	0.550	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	6270	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	6270	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6270	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6270	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
482	**Continuous Members 478 (Member No. 6266,6394,6368,8919,6395,6369)**						
	6369	0.100	RC9	0.17	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	6395	0.000	RC9	0.20	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	8919	0.025	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	8919	0.025	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	8919	0.025	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	6368	0.325	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	8919	0.025	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	6369	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	6394	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6394	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6395	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
483	**Continuous Members 479 (Member No. 6271,6381,6370,8920,6383,6371)**						
	6383	0.100	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	6371	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	6383	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	6381	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	8920	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	6381	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	6271	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	6371	0.100	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	6383	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	8920	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	8920	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6383	0.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
484	**Continuous Members 476 (Member No. 6275,8927,8921-8923,3056,8924,6319,8929,6320,6321)**						
	8921	0.050	RC9	0.17	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	6275	0.000	RC9	0.21	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	6275	0.050	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	8924	0.075	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	6275	0.025	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	8923	0.100	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	6275	0.050	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	3056	0.175	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	3056	0.350	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	8922	0.050	RC9	0.12	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3056	0.350	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	6275	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6275	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6275	0.000	RC9	0.62	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
485	**Continuous Members 477 (Member No. 6280,8928,6322,8930,8925,3208,8926,6324,8931,6325,6326)**						
	3208	0.350	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	6326	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	6280	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	8926	0.150	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	8926	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	8931	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	8926	0.150	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	6322	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	8926	0.150	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	6322	0.050	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	8926	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	6280	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6280	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6280	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
							6.3.3, Method 2
486	**Continuous Members 478 (Member No. 6276,6396,6372,8932,6398,6373)**						
	6373	0.100	RC9	0.17	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	6398	0.000	RC9	0.19	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	8932	0.025	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	6276	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	8932	0.025	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	6276	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	6396	0.000	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	6276	0.200	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	6276	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6276	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6398	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
487	**Continuous Members 479 (Member No. 6281,6397,6374,8933,6399,6375)**						
	6374	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	6375	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	8933	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	6281	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	8933	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	6281	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	8933	0.025	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	6281	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	6375	0.100	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	6281	0.200	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	8933	0.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
488	**Continuous Members 476 (Member No. 6285,8934,3016,6328,8936,6329,3225,3024,6330,6331)**						
	6285	0.050	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	6285	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3225	0.275	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	8936	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	3016	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	8936	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	3225	0.275	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	3225	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	6328	0.275	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3016	0.100	RC9	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	6328	0.550	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	6285	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6329	0.000	RC9	0.10	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	6285	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6329	0.000	RC9	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	6285	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
489	**Continuous Members 477 (Member No. 6290,8935,3064,6333,8937,6334,3282,6317,6335,6336)**						
	6336	0.100	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	6290	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3282	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	6336	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	8937	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	6317	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	6334	0.050	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	3282	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	6336	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	3282	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	6334	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	6333	0.550	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	6334	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	6290	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6290	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6290	0.000	RC9	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
490	**Continuous Members 478 (Member No. 6286,6404,6376,3290,6318,6406,6377)**						
	6318	0.050	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	6318	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	3290	0.125	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	6286	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3290	0.250	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3290	0.250	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	6377	0.100	RC9	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6377	0.100	RC9	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6318	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
491	**Continuous Members 479 (Member No. 6291,6405,6378,3330,6323,6407,6379)**						
	6378	0.200	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	6379	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	6323	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	6291	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	6323	0.050	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	6291	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	6323	0.050	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	6378	0.400	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	6291	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3330	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	6378	0.400	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
492	**Continuous Members 476 (Member No. 6411,6503,6504,3228,6505,9061,6506,6507)**						
	9061	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	6503	0.100	RC9	0.12	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	6411	0.000	RC9	0.15	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	9061	0.025	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	6503	0.000	RC9	0.05	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	9061	0.025	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	3228	0.000	RC9	0.05	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	3228	0.000	RC9	0.01	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	3228	0.075	RC9	0.02	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	3228	0.150	RC9	0.02	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	3228	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	6504	0.000	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	3228	0.150	RC9	0.08	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	6503	0.100	RC9	0.30	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	6503	0.100	RC9	0.10	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	3228	0.000	RC9	0.02	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	3228	0.000	RC9	0.27	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	6411	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6411	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6411	0.000	RC9	0.94	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
493	**Continuous Members 477 (Member No. 6416,6448,6508,9066,6509,9067,6510,6511)**						
	6511	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	6416	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	9067	0.050	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	6416	0.100	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	6510	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	9066	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	9067	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	9067	0.050	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	6416	0.100	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	9066	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	9067	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	6416	0.100	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	9067	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	6416	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6416	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6416	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
494	**Continuous Members 478 (Member No. 6412,6548,6520,9062,6549,6521)**						
	6520	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	6521	0.100	RC9	0.11	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	6549	0.000	RC9	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	6520	0.650	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	6521	0.050	RC1	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	9062	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	6412	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	9062	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	9062	0.000	RC9	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	9062	0.025	RC9	0.03	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	9062	0.025	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	9062	0.025	RC9	0.03	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	6520	0.650	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	6521	0.050	RC1	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	6520	0.325	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	6520	0.650	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	9062	0.000	RC9	0.06	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	6412	0.200	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	6412	0.200	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9062	0.000	RC9	0.00	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	9062	0.000	RC9	0.22	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	6412	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6412	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6549	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
495	**Continuous Members 479 (Member No. 6417,6536,6522,9068,6538,6523)**						
	6523	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	6538	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	6417	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	6522	0.650	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	6538	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	9068	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	6538	0.000	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	6417	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	6522	0.650	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	6522	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	9068	0.050	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	6523	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	6522	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	6538	0.000	RC9	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6538	0.000	RC9	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
							6.3.1.1 and 6.3.1.2(4)
	6538	0.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
497	**Continuous Members 477 (Member No. 6426,6498,6499,9072,6500,9073,6501,6502)**						
	6502	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	6426	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	9073	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	9073	0.025	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	9072	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	9073	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	9073	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	9073	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	9073	0.025	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	9073	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	9072	0.150	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	9073	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	6500	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	6426	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6426	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6426	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
498	**Continuous Members 478 (Member No. 6422,6550,6524,9077,6551,6525)**						
	6525	0.100	RC9	0.18	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	6551	0.000	RC9	0.21	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	9077	0.025	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	6422	0.000	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	9077	0.025	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	9077	0.000	RC9	0.09	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	9077	0.025	RC9	0.00	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	9077	0.025	RC9	0.07	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	9077	0.025	RC9	0.07	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	9077	0.025	RC9	0.01	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	6422	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	6550	0.000	RC9	0.14	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	9077	0.000	RC9	0.12	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	6422	0.200	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9077	0.000	RC9	0.02	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	9077	0.000	RC9	0.38	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	6422	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6422	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6551	0.000	RC9	0.48	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
499	**Continuous Members 479 (Member No. 6427,6537,6526,9074,6539,6527)**						
	6527	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	9074	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	6526	0.650	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	6527	0.100	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	9074	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	9074	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	6526	0.650	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	6527	0.100	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	6537	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	6427	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	6527	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	6539	0.100	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9074	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
							6.3.1.1 and 6.3.1.2(4)
	9074	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9074	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
501	**Continuous Members 477 (Member No. 6436,9206,6478,9208,6479,9213,3211,6480,9081,6481,6482)**						
	6482	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	6436	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	9081	0.050	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	6481	0.050	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	3211	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	9208	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	9081	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	9081	0.050	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	6481	0.050	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	9081	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	3211	0.150	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	9081	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	3211	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	6436	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6436	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6436	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
502	**Continuous Members 478 (Member No. 6432,6552,6528,9080,6554,6529)**						
	6529	0.100	RC9	0.18	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	9080	0.000	RC9	0.22	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	9080	0.025	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	6432	0.000	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	9080	0.050	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	9080	0.000	RC9	0.09	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	9080	0.025	RC9	0.00	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	9080	0.025	RC9	0.07	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	9080	0.025	RC9	0.07	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	6554	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	6432	0.200	RC9	0.13	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	9080	0.025	RC9	0.10	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	6432	0.200	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9080	0.000	RC9	0.02	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	9080	0.000	RC9	0.41	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	9080	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9080	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9080	0.000	RC9	0.50	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
503	**Continuous Members 479 (Member No. 6437,6553,6530,9082,6555,6531)**						
	6531	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	6555	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	6531	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	6531	0.100	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	6555	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	9082	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	9082	0.000	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	6531	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	6531	0.100	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	6555	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	6437	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	6531	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	6530	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial f

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
							force acc. to 6.2.10 and 6.2.9
	9082	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9082	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6555	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
504	**Continuous Members 476 (Member No. 6441,3648,6483,6484,9085,6485,3688,9083,6486,6487)**						
	9083	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	6441	0.050	RC9	0.12	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	6441	0.000	RC9	0.17	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	6487	0.000	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	3648	0.050	RC1	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	9085	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	6441	0.000	RC9	0.06	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	9083	0.025	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	9085	0.000	RC9	0.07	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	9085	0.000	RC9	0.01	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	9085	0.000	RC9	0.02	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	9085	0.000	RC9	0.02	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	6487	0.000	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	3648	0.050	RC1	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	6486	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	6487	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	9085	0.000	RC9	0.01	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	6483	0.100	RC9	0.29	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	9085	0.150	RC9	0.02	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	6484	0.000	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9085	0.000	RC9	0.00	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	9085	0.000	RC9	0.20	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	6441	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6441	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6441	0.000	RC9	0.75	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
505	**Continuous Members 477 (Member No. 6446,3680,6488,6489,9088,6490,5397,9086,6491,6492)**						
	5397	0.275	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	6492	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	6446	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	5397	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	9088	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	9086	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	9086	0.025	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	9086	0.025	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	5397	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	9088	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	9086	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	6490	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	6490	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	9086	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	6446	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6446	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6446	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
506	**Continuous Members 478 (Member No. 6442,6560,6532,5398,9084,6562,6533)**						
	6560	0.050	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	6533	0.100	RC9	0.14	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	6562	0.000	RC9	0.16	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	9084	0.000	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	6442	0.200	RC9	0.15	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	6562	0.050	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	5398	0.250	RC9	0.04	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	5398	0.250	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	9084	0.000	RC9	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	9084	0.025	RC9	0.00	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	5398	0.000	RC9	0.05	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	5398	0.000	RC9	0.05	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	9084	0.000	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	6442	0.200	RC9	0.15	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	6560	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	6442	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	6532	0.400	RC9	0.16	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	5398	0.125	RC9	0.03	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	6532	0.400	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	5398	0.000	RC9	0.03	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	5398	0.000	RC9	0.37	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	9084	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9084	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	6562	0.000	RC9	0.45	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
507	**Continuous Members 479 (Member No. 6447,6561,6534,5399,9087,6563,6535)**						
	6534	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	6535	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	9087	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	6535	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	6535	0.100	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	5399	0.250	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	6535	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	5399	0.250	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	6535	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	6535	0.100	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	5399	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	5399	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	6535	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	5399	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9087	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9087	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9087	0.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
508	**Continuous Members 476 (Member No. 7084,8533,8534,8899,8541,8900,8542,8543)**						
	8900	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	8541	0.650	RC9	0.08	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	8899	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	8534	0.000	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	8899	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	8900	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	8900	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	8534	0.000	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	8534	0.550	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	8899	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	8534	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	8534	0.550	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	7084	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	7084	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	8899	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
509	**Continuous Members 477 (Member No. 7086,7088,8544,8903,8545,8906,8546,8547)**						
	8547	0.050	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	7086	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	8903	0.150	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	8903	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	8903	0.150	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	8906	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	8903	0.150	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	8544	0.550	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	7086	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
510	**Continuous Members 476 (Member No. 8549,8564,8565,8893,8566,8894,8567,8568)**						
	8894	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	8566	0.650	RC9	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	8893	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	8565	0.275	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	8564	0.100	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	8893	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	8894	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	8894	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	8565	0.275	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	8564	0.100	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	8565	0.550	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	8566	0.650	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	8565	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	8565	0.550	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	8549	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	8549	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	8893	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
511	**Continuous Members 477 (Member No. 8551,8552,8569,8895,8570,8896,8571,8572)**						
	8572	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	8551	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	8895	0.150	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	8895	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	8895	0.150	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	8896	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	8895	0.150	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	8551	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
512	**Continuous Members 476 (Member No. 8577,363,8594,506,8595,509,8887,8596,8888,8597,8598)**						
	8596	0.650	RC9	0.08	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	8887	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	8887	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	506	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	506	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	509	0.350	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	8596	0.325	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	8594	0.050	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	509	0.350	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	8577	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	8577	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	8887	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
513	**Continuous Members 477 (Member No. 8585,359,8586,505,8599,10023,8892,8602,8889,8605,8606)**						
	8606	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	8585	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	8602	0.000	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	8889	0.025	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	8892	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	505	0.025	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	8602	0.000	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	8889	0.025	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	8892	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	8892	0.150	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	10023	0.350	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	8892	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
514	**Continuous Members 476 (Member No. 8608,8882,8628,8629,8883,8630,362,8880,8631,8632)**						
	8880	0.050	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	8632	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	8883	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	8629	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	8883	0.075	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	8628	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	8883	0.075	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	8629	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	8629	0.550	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	8883	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	8628	0.100	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	8629	0.550	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	8608	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	8608	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	8883	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
515	**Continuous Members 477 (Member No. 8610,360,8611,8633,8884,8634,10016,8885,8635,8636)**						
	8635	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	8610	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	10016	0.550	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	10016	0.550	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	8884	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	8885	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	10016	0.550	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	10016	0.550	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	10016	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	8634	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	8633	0.550	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	8884	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	8610	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	8610	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
516	**Continuous Members 478 (Member No. 8637,8655,8641,8907,8656,8642)**						
	8907	0.025	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	8641	0.650	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	8655	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	8656	0.000	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	8907	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	8907	0.025	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	8656	0.000	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	8907	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	8907	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	8637	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	8641	0.650	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	8637	0.200	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	8655	0.000	RC9	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
							6.3.1.1 and 6.3.1.2(4)
	8655	0.000	RC9	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
517	**Continuous Members 479 (Member No. 8638,8649,8645,8908,8650,8648)**						
	8645	0.325	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	8638	0.000	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	8638	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	8638	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	8638	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
518	**Continuous Members 478 (Member No. 8657,8680,8670,8897,8681,8671)**						
	8670	0.325	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	8670	0.650	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	8680	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	8897	0.000	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	8897	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	8897	0.025	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	8897	0.000	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	8897	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	8897	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	8680	0.100	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	8657	0.200	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	8657	0.200	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	8680	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
519	**Continuous Members 479 (Member No. 8658,8674,8672,8898,8675,8673)**						
	8674	0.100	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	8658	0.000	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	8658	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	8658	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	8658	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
520	**Continuous Members 478 (Member No. 8682,8700,8688,8890,8701,8691)**						
	8688	0.650	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	8688	0.650	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	8700	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	8701	0.000	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	8700	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	8890	0.025	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	8701	0.000	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	8700	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	8890	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	8682	0.200	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	8682	0.200	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	8682	0.200	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	8700	0.000	RC9	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	8700	0.000	RC9	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
521	**Continuous Members 479 (Member No. 8683,8694,8692,8891,8695,8693)**						
	8695	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	8683	0.000	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	8683	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	8683	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	8683	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
522	**Continuous Members 478 (Member No. 8705,8725,8715,508,8881,8726,8716)**						
	8881	0.050	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	508	0.250	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	508	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	8881	0.000	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	8715	0.400	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	508	0.125	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	8881	0.000	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
							6.2.5 and 6.2.8
	8715	0.400	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	8881	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	8715	0.400	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	508	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	8715	0.400	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	508	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
523	**Continuous Members 479 (Member No. 8706,8719,8717,10024,8886,8720,8718)**						
	8706	0.200	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	8706	0.000	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	8717	0.400	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	8717	0.400	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	8717	0.400	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	8717	0.400	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	8717	0.400	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	8706	0.000	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
644	**Continuous Members 1 (Member No. 9091,10577,9106)**						
	9106	0.030	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	9091	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	9091	0.110	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	10577	0.830	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	9091	0.220	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	10577	0.830	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9091	0.000	RC9	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9091	0.000	RC9	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9091	0.110	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
645	**Continuous Members 2 (Member No. 9092,9289,10657,9290,10658,9291)**						
	9291	0.030	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	9092	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	9291	0.015	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	10657	0.195	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	10658	0.160	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	9092	0.500	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	9291	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9290	0.810	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9290	0.810	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9092	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
646	**Continuous Members 3 (Member No. 9093,10578,9292,9293)**						
	9293	0.030	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	9093	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	9093	0.251	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	9293	0.015	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	9293	0.015	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	10578	0.168	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	10578	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	9292	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	9093	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9093	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
647	**Continuous Members 2 (Member No. 9094,10579,9294-9296)**						
	9295	0.970	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	10579	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	9296	0.000	RC9	0.14	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	9294	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	9296	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	9094	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	9094	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	9296	0.000	RC9	0.14	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	9294	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	9296	0.000	RC9	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	9296	0.030	RC9	0.28	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	9094	0.155	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	9296	0.000	RC9	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	10579	0.000	RC9	0.42	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
648	**Continuous Members 2 (Member No. 9095,9297-9299)**						
	9298	0.970	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	9095	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	9095	0.000	RC9	0.14	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	9095	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	9299	0.015	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	9299	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	9095	0.000	RC9	0.14	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	9299	0.000	RC9	0.05	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	9095	0.000	RC9	0.28	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	9095	0.500	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	9095	0.000	RC9	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9095	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9095	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9095	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
649	**Continuous Members 2 (Member No. 9096,9300-9302)**						
	9301	0.970	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	9096	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	9096	0.000	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	9096	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	9096	0.000	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	9302	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	9301	0.485	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	9300	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	9301	0.970	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9096	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
650	**Continuous Members 2 (Member No. 9097,9303-9305)**						
	9304	0.970	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	9097	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	9304	0.485	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	9097	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	9305	0.015	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	9304	0.485	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	9097	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	9304	0.485	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	9097	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
651	**Continuous Members 1 (Member No. 9098,10580,9107)**						
	9098	0.220	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	9098	0.000	RC9	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	9098	0.110	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	9098	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	9098	0.110	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	9098	0.000	RC9	0.10	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	9098	0.110	RC9	0.02	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	9098	0.110	RC9	0.03	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	9098	0.110	RC9	0.03	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	9107	0.015	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	9098	0.220	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	10580	0.000	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	9098	0.220	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9098	0.220	RC9	0.03	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	9098	0.220	RC9	0.36	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	9098	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9098	0.000	RC9	0.18	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	9098	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9098	0.000	RC9	0.18	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	9098	0.110	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
652	**Continuous Members 2 (Member No. 9099,9306,10659,9307,10660,9308)**						
	9307	0.810	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	9099	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	9307	0.405	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	10660	0.080	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	10659	0.195	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	10660	0.080	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	9307	0.405	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	9306	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	10659	0.000	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	10660	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9099	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
653	**Continuous Members 3 (Member No. 9100,9309,10661,9310)**						
	9310	0.030	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	10661	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	9309	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	10661	0.166	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	10661	0.166	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	10661	0.166	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	9309	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	9310	0.030	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	9309	0.154	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	10661	0.333	RC9	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	10661	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	10661	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	10661	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	10661	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
654	**Continuous Members 2 (Member No. 9101,9311,9312,10662,9313)**						
	9312	0.572	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	9101	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	10662	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	9101	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	10662	0.199	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	9313	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	9313	0.000	RC9	0.24	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	10662	0.000	RC9	0.12	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	9313	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9101	0.000	RC9	0.50	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
655	**Continuous Members 2 (Member No. 9102,9314-9316)**						
	9315	0.970	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	9102	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	9314	0.500	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 -

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
							- Class 1 or 2
	9102	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	9102	0.250	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	9102	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	9314	0.500	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	9316	0.000	RC9	0.05	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	9102	0.000	RC9	0.23	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	9314	0.000	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	9316	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9102	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9102	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9102	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
656	**Continuous Members 2 (Member No. 9103,9317-9319)**						
	9318	0.970	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	9103	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	9318	0.485	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	9317	0.500	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	9103	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	9103	0.250	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	9103	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	9318	0.485	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	9317	0.500	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	9103	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	9318	0.485	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	9317	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	9318	0.970	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9103	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
657	**Continuous Members 2 (Member No. 9104,9320-9322)**						
	9320	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	9104	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	9321	0.485	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	9104	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	9322	0.015	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	9321	0.485	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	9321	0.970	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	9321	0.485	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	9104	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
658	**Continuous Members 1 (Member No. 9114,10581,9129)**						
	9129	0.030	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	10581	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	9114	0.110	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	10581	0.830	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	9114	0.220	RC9	0.13	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	9114	0.220	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9114	0.000	RC9	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9114	0.000	RC9	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	10581	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
659	**Continuous Members 2 (Member No. 9115,9323,10663,9324,10664,9325)**						
	10664	0.160	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	9115	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	9325	0.015	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	9115	0.250	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	9325	0.015	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	9325	0.000	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force a

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
							acc. to 6.2.9.1
	9115	0.500	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	9325	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9115	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9115	0.000	RC1	0.06	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	9115	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9115	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	9115	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
660	**Continuous Members 3 (Member No. 9116,10582,9326,9327)**						
	9327	0.030	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	9116	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	9116	0.251	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	10582	0.084	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	9116	0.251	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	9116	0.000	RC9	0.20	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	10582	0.168	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	9116	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9116	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9116	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9116	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
661	**Continuous Members 2 (Member No. 9117,10583,9328-9330)**						
	9329	0.970	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	9117	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	9328	0.250	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	9330	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	10583	0.172	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	9328	0.250	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	9330	0.000	RC9	0.33	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	9328	0.500	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	9330	0.000	RC9	0.12	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9117	0.000	RC9	0.49	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
662	**Continuous Members 2 (Member No. 9118,9331-9333)**						
	9332	0.970	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	9118	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	9333	0.000	RC9	0.18	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	9331	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	9118	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	9118	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	9333	0.000	RC9	0.18	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	9332	0.485	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	9332	0.970	RC9	0.24	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	9331	0.500	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	9118	0.000	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9118	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
663	**Continuous Members 2 (Member No. 9119,9334-9336)**						
	9335	0.970	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	9119	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	9119	0.000	RC9	0.17	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	9119	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	9334	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	9334	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	9336	0.000	RC9	0.13	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	9336	0.000	RC9	0.01	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	9336	0.015	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	9336	0.000	RC9	0.01	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	9119	0.000	RC9	0.17	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	9335	0.970	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	9119	0.000	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	9334	0.500	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	9119	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9336	0.000	RC9	0.02	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	9336	0.000	RC9	0.24	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	9119	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
664	**Continuous Members 2 (Member No. 9120,9337-9339)**						
	9337	0.250	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	9120	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	9338	0.970	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	9337	0.500	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	9120	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	9120	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	9120	0.250	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	9338	0.970	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	9337	0.500	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	9338	0.970	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	9338	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	9120	0.500	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	9120	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
665	**Continuous Members 1 (Member No. 9121,10584,9130)**						
	10584	0.830	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	9121	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	10584	0.415	RC9	0.08	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	9121	0.110	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	9121	0.000	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	9121	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	9121	0.000	RC9	0.07	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	9121	0.110	RC9	0.01	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	9121	0.000	RC9	0.10	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	9121	0.000	RC9	0.10	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	10584	0.415	RC9	0.08	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	10584	0.830	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	10584	0.830	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	9121	0.220	RC9	0.17	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	9121	0.220	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9121	0.220	RC9	0.28	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	9121	0.220	RC9	0.81	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	9121	0.000	RC9	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9121	0.000	RC9	0.16	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	9121	0.000	RC9	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9121	0.000	RC9	0.16	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	9121	0.110	RC9	0.75	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
666	**Continuous Members 2 (Member No. 9122,9340,10665,9341,10666,9342)**						
	9341	0.810	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	9122	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	10666	0.080	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	10666	0.080	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	10666	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	9342	0.000	RC9	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	10666	0.080	RC9	0.05	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	10666	0.080	RC9	0.05	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	10666	0.080	RC9	0.07	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	9342	0.000	RC9	0.04	≤ 1	CS156)	Cross-section check - Bending about z-axis, shear force and torsion acc. to 6.2.5 to 6.2.8
	9340	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	10666	0.000	RC9	0.02	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	10666	0.000	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	10665	0.000	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	10666	0.160	RC9	0.05	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	10666	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	10666	0.000	RC9	0.05	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	10666	0.000	RC9	0.31	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	9122	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9122	0.000	RC1	0.08	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	9122	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9122	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	9122	0.000	RC9	0.54	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
667	**Continuous Members 3 (Member No. 9123,9343,10667,9344)**						
	9344	0.030	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	10667	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	10667	0.166	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	9343	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	9343	0.307	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	9123	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	9343	0.154	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	9343	0.307	RC9	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	9343	0.307	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9123	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9123	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	10667	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
668	**Continuous Members 2 (Member No. 9124,9345,9346,10668,9347)**						
	9346	0.572	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	9124	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	10668	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	10668	0.199	RC9	0.05	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	10668	0.199	RC9	0.06	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	10668	0.000	RC9	0.08	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	9347	0.000	RC9	0.23	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	10668	0.398	RC9	0.18	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	10668	0.000	RC9	0.14	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9124	0.000	RC9	0.72	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
669	**Continuous Members 2 (Member No. 9125,9348-9350)**						
	9349	0.970	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	9125	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	9349	0.970	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	9349	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	9350	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	9125	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	9125	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	9349	0.970	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	9349	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	9349	0.485	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	9349	0.970	RC9	0.22	≤ 1	CS181)	Cross-section check - Bending, shear and axial force a

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
							acc. to 6.2.9.1
	9125	0.000	RC9	0.17	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	9125	0.000	RC9	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9125	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
670	**Continuous Members 2 (Member No. 9126,9351-9353)**						
	9352	0.970	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	9126	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	9352	0.485	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	9126	0.250	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	9126	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	9126	0.250	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	9353	0.000	RC9	0.13	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	9353	0.000	RC9	0.01	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	9353	0.015	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	9353	0.000	RC9	0.01	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	9352	0.485	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	9352	0.970	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	9353	0.000	RC9	0.01	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	9126	0.000	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	9126	0.500	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	9126	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9353	0.000	RC9	0.02	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	9353	0.000	RC9	0.23	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	9126	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
671	**Continuous Members 2 (Member No. 9127,9418,9419,9427)**						
	9418	0.250	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	9127	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	9419	0.970	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	9418	0.500	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	9127	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	9127	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	9127	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	9419	0.970	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	9418	0.500	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	9419	0.970	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	9419	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	9127	0.500	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	9127	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
672	**Continuous Members 1 (Member No. 9137,10585,9152)**						
	9152	0.030	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	9137	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	9137	0.110	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	9152	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	10585	0.830	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	9137	0.220	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	10585	0.830	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9137	0.000	RC9	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9137	0.000	RC9	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9137	0.110	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
673	**Continuous Members 2 (Member No. 9138,9428,10669,9436,10670,9437)**						
	9437	0.030	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	9138	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	9437	0.015	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	9138	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	9437	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	9138	0.500	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	9437	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9138	0.500	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9138	0.500	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9138	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
674	**Continuous Members 3 (Member No. 9139,10586,9463,9464)**						
	9464	0.030	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	9139	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	9139	0.251	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	9464	0.015	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	9464	0.015	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	9464	0.030	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	9139	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	9464	0.015	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	9139	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9139	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9139	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9139	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
675	**Continuous Members 2 (Member No. 9140,10587,9474,9484,9683)**						
	9484	0.970	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	10587	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	9140	0.078	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	9683	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	9140	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	9140	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	9140	0.078	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	10587	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	9683	0.000	RC9	0.28	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	9140	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	9683	0.000	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9683	0.030	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9683	0.030	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	10587	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
676	**Continuous Members 2 (Member No. 9141,9700,9755,9954)**						
	9755	0.970	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	9141	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	9141	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	9954	0.015	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	9954	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	9954	0.000	RC9	0.09	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	9954	0.000	RC9	0.01	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	9954	0.015	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	9954	0.000	RC9	0.01	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	9954	0.000	RC9	0.06	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	9954	0.000	RC9	0.06	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	9141	0.000	RC9	0.27	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	9954	0.000	RC9	0.06	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	9755	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	9141	0.000	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9954	0.000	RC9	0.06	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	9954	0.000	RC9	0.35	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	9141	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
							6.3.1.1 and 6.3.1.2(4)
	9141	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9141	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
677	**Continuous Members 2 (Member No. 9142,9955-9957)**						
	9956	0.970	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	9142	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	9142	0.250	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	9955	0.250	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	9142	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	9957	0.000	RC9	0.05	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	9957	0.000	RC9	0.01	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	9957	0.015	RC9	0.00	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	9957	0.000	RC9	0.01	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	9142	0.250	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	9955	0.250	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	9957	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	9957	0.000	RC9	0.01	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	9142	0.000	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	9955	0.250	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	9956	0.970	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9957	0.000	RC9	0.01	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	9957	0.000	RC9	0.13	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	9142	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
678	**Continuous Members 2 (Member No. 9143,9958-9960)**						
	9958	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	9959	0.970	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	9143	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	9143	0.250	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	9958	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	9143	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	9960	0.015	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	9958	0.000	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	9960	0.000	RC9	0.09	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	9143	0.000	RC9	0.01	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	9960	0.015	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	9143	0.000	RC9	0.01	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	9143	0.250	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	9143	0.250	RC9	0.04	≤ 1	CS146)	Cross-section check - Bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	9958	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	9143	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	9143	0.000	RC9	0.01	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	9959	0.970	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	9960	0.030	RC9	0.03	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	9958	0.250	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	9143	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9143	0.000	RC9	0.01	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	9960	0.000	RC9	0.12	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
679	**Continuous Members 1 (Member No. 9144,10588,9153)**						
	9144	0.220	RC9	0.08	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	9144	0.000	RC9	0.15	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	10588	0.415	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	9144	0.110	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	9144	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	9144	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	9144	0.000	RC9	0.10	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	9144	0.110	RC9	0.01	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	9144	0.110	RC9	0.03	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	9144	0.110	RC9	0.03	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	10588	0.415	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	10588	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	9144	0.220	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	9153	0.030	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	9144	0.220	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9144	0.220	RC9	0.03	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	9144	0.220	RC9	0.39	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	9144	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9144	0.000	RC9	0.21	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	9144	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9144	0.000	RC9	0.21	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	9144	0.110	RC9	0.44	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
680	**Continuous Members 2 (Member No. 9145,9961,10671,9962,10672,9992)**						
	9961	0.110	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	9145	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	9145	0.250	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	10672	0.080	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	10671	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	10672	0.080	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	9145	0.250	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	9145	0.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	9961	0.110	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	9145	0.500	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	10672	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9961	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9145	0.000	RC1	0.06	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	9961	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9145	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	9145	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
681	**Continuous Members 3 (Member No. 9146,9993,10673,9994)**						
	9994	0.030	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	10673	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	10673	0.166	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	10673	0.166	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	10673	0.166	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	9994	0.000	RC9	0.05	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	9994	0.000	RC9	0.01	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	9994	0.015	RC9	0.02	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	9994	0.015	RC9	0.02	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	9993	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	10673	0.333	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	10673	0.000	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	9994	0.030	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9994	0.030	RC9	0.01	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	9994	0.030	RC9	0.22	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	10673	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
682	**Continuous Members 2 (Member No. 9147,9995,9996,10674,9997)**						
	9996	0.572	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	9147	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	9147	0.000	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	10674	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	9147	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	10674	0.199	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	9147	0.000	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	9997	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	9997	0.000	RC9	0.22	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	9995	0.500	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	9997	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9147	0.000	RC9	0.50	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
683	**Continuous Members 2 (Member No. 9148,9998-10000)**						
	9999	0.970	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	9148	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	9999	0.485	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	9998	0.250	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	9148	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	9148	0.250	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	9148	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	10000	0.000	RC9	0.09	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	10000	0.000	RC9	0.01	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	10000	0.000	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	10000	0.000	RC9	0.01	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	9999	0.485	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	9998	0.250	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	10000	0.000	RC9	0.06	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	10000	0.000	RC9	0.25	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	9999	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	9148	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	10000	0.000	RC9	0.06	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	10000	0.000	RC9	0.37	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	9998	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9998	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9148	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
684	**Continuous Members 2 (Member No. 9149,10348-10350)**						
	10349	0.970	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	9149	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	9149	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	10350	0.000	RC9	0.05	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	10350	0.000	RC9	0.01	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	10350	0.015	RC9	0.00	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	10350	0.000	RC9	0.01	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	10349	0.970	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	10350	0.000	RC9	0.00	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	9149	0.000	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	10348	0.250	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	10349	0.970	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	10350	0.000	RC9	0.01	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	10350	0.000	RC9	0.13	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	9149	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
685	**Continuous Members 2 (Member No. 9150,10351-10353)**						
	10351	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	10352	0.970	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	9150	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	10353	0.030	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	10351	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	9150	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	10351	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	10351	0.000	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	10353	0.000	RC9	0.09	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	9150	0.000	RC9	0.01	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	10353	0.015	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	9150	0.000	RC9	0.01	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	10353	0.030	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	9150	0.250	RC9	0.01	≤ 1	CS146)	Cross-section check - Bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	10351	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	9150	0.500	RC9	0.02	≤ 1	CS156)	Cross-section check - Bending about z-axis, shear force and torsion acc. to 6.2.5 to 6.2.8
	10351	0.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	9150	0.000	RC9	0.00	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	10352	0.970	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	9150	0.250	RC9	0.04	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	9150	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9150	0.000	RC9	0.01	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	10353	0.000	RC9	0.12	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
686	**Continuous Members 1 (Member No. 9160,10589,9175)**						
	9175	0.030	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	9175	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	9160	0.110	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	9160	0.110	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	9160	0.110	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	10589	0.830	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	9160	0.220	RC9	0.14	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	9160	0.220	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9160	0.000	RC9	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9160	0.000	RC9	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9175	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
687	**Continuous Members 2 (Member No. 9161,10354,10675,10355,10676,10356)**						
	10676	0.160	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	9161	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	10356	0.015	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	9161	0.250	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	10356	0.015	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	10355	0.810	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	10356	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	9161	0.500	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	10356	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9161	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9161	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9161	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
688	**Continuous Members 3 (Member No. 9162,10590,10357,10358)**						
	10358	0.030	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	9162	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	10358	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	9162	0.251	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	9162	0.251	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	9162	0.251	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	10358	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
							6.2.5 and 6.2.8
	10590	0.084	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	9162	0.251	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	9162	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9162	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9162	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9162	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
689	**Continuous Members 2 (Member No. 9163,10591,10359-10361)**						
	10360	0.970	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	9163	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	10360	0.970	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	10361	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	10591	0.172	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	10360	0.970	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	10591	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	10361	0.000	RC9	0.31	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	10359	0.500	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	10361	0.000	RC9	0.10	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	10591	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	10591	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9163	0.000	RC9	0.45	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
690	**Continuous Members 2 (Member No. 9164,10362-10364)**						
	10363	0.970	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	9164	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	10362	0.000	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	10363	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	10362	0.000	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	10364	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	9164	0.000	RC9	0.21	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	10362	0.500	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	9164	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9164	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
691	**Continuous Members 2 (Member No. 9165,10365-10367)**						
	10366	0.970	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	9165	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	9165	0.250	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	9165	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	10367	0.015	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	10367	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	10367	0.000	RC9	0.11	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	10367	0.000	RC9	0.00	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	10367	0.015	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	10367	0.000	RC9	0.01	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	9165	0.250	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	10367	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	10367	0.000	RC9	0.02	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	10366	0.970	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	10367	0.030	RC9	0.14	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	10366	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	9165	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	10367	0.000	RC9	0.02	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	10367	0.000	RC9	0.24	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	9165	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
692	**Continuous Members 2 (Member No. 9166,10368-10370)**						
	10368	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	9166	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	10369	0.485	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	9166	0.500	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	9166	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	9166	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	9166	0.000	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	10369	0.485	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	9166	0.500	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	10369	0.970	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	9166	0.250	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	9166	0.500	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	9166	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
693	**Continuous Members 1 (Member No. 9167,10592,9176)**						
	10592	0.830	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	9167	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	9167	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	9167	0.000	RC9	0.08	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	9167	0.000	RC9	0.08	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	9167	0.000	RC9	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	9167	0.000	RC9	0.01	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	9167	0.000	RC9	0.09	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	9167	0.000	RC9	0.09	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	10592	0.830	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	10592	0.000	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	9167	0.220	RC9	0.20	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9167	0.220	RC9	0.23	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	9167	0.220	RC9	0.72	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	9167	0.000	RC9	0.10	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9167	0.000	RC9	0.15	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	9167	0.000	RC9	0.10	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9167	0.000	RC9	0.15	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	9167	0.110	RC9	0.71	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
694	**Continuous Members 2 (Member No. 9168,10371,10677,10372,10678,10373)**						
	10372	0.810	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	9168	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	10678	0.080	RC9	0.06	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	10373	0.030	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	10678	0.000	RC9	0.07	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	10373	0.000	RC9	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	10678	0.080	RC9	0.06	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	10678	0.080	RC9	0.04	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	10678	0.080	RC9	0.07	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	10677	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	9168	0.500	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	10678	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	10678	0.000	RC9	0.05	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	10678	0.000	RC9	0.33	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	9168	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9168	0.000	RC1	0.07	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	9168	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9168	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
							6.3.1.1 and 6.3.1.2
	9168	0.000	RC9	0.58	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
695	**Continuous Members 3 (Member No. 9169,10374,10679,10375)**						
	10375	0.030	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	10679	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	10679	0.166	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	10374	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	10374	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	10374	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	9169	0.670	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	10679	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	9169	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	10679	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	10679	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	10679	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
696	**Continuous Members 2 (Member No. 9170,10376,10377,10680,10378)**						
	10377	0.572	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	9170	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	10376	0.250	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	10680	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	10680	0.199	RC9	0.04	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	10680	0.199	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	10376	0.250	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	10680	0.000	RC9	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	10680	0.398	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	10680	0.398	RC9	0.13	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	10680	0.000	RC9	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9170	0.000	RC9	0.64	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
697	**Continuous Members 2 (Member No. 9171,10379-10381)**						
	10380	0.970	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	9171	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	10379	0.500	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	10381	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	9171	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	9171	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	10379	0.500	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	9171	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	9171	0.000	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	9171	0.000	RC9	0.14	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	9171	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9171	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
698	**Continuous Members 2 (Member No. 9172,10382-10384)**						
	10383	0.970	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	9172	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	10383	0.485	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	9172	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	10384	0.015	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	9172	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	10384	0.000	RC9	0.11	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	10384	0.000	RC9	0.00	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	10384	0.015	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	10384	0.000	RC9	0.01	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	10383	0.485	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	9172	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	10384	0.000	RC9	0.02	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	10383	0.970	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force a

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
							acc. to 6.2.9.1
	10384	0.030	RC9	0.14	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	10382	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	9172	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	10384	0.000	RC9	0.02	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	10384	0.000	RC9	0.23	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	9172	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
699	**Continuous Members 2 (Member No. 9173,10385-10387)**						
	10385	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	9173	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	10386	0.485	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	9173	0.500	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	9173	0.250	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	9173	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	9173	0.250	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	10386	0.485	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	9173	0.500	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	10386	0.970	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	9173	0.250	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	9173	0.500	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	10385	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
700	**Continuous Members 1 (Member No. 9183,10593,9198)**						
	9198	0.030	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	9183	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	9198	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	9183	0.110	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	10593	0.830	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	10593	0.830	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	9183	0.220	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	10593	0.830	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9183	0.000	RC9	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9183	0.000	RC9	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9198	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
701	**Continuous Members 2 (Member No. 9184,10388,10681,10389,10682,10390)**						
	10682	0.160	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	9184	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	10389	0.810	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	10390	0.015	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	10388	0.055	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	10388	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	10389	0.810	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	10682	0.160	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	10682	0.160	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	10388	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	10390	0.000	RC9	0.11	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9184	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9184	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9184	0.000	RC9	0.49	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
702	**Continuous Members 3 (Member No. 9185,10594,10391,10392)**						
	10392	0.030	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	9185	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	10391	0.000	RC9	0.08	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	9185	0.251	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	10392	0.015	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	10391	0.320	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	10391	0.000	RC9	0.08	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	10391	0.640	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	10594	0.000	RC9	0.23	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	10392	0.030	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	9185	0.000	RC9	0.09	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9185	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9185	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9185	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
703	**Continuous Members 2 (Member No. 9186,10595,10393-10395)**						
	10394	0.970	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	10595	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	10395	0.000	RC9	0.14	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	10595	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	10395	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	9186	0.078	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	9186	0.078	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	10395	0.000	RC9	0.14	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	10595	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	9186	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	10395	0.000	RC9	0.22	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	9186	0.078	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	10395	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	10595	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	10595	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	10595	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
704	**Continuous Members 2 (Member No. 9187,10396-10398)**						
	10397	0.970	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	9187	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	10398	0.015	RC9	0.18	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	9187	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	10398	0.015	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	10398	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	10398	0.015	RC9	0.18	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	10398	0.000	RC9	0.06	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	9187	0.000	RC9	0.22	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	10397	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	10398	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9187	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
705	**Continuous Members 2 (Member No. 9188,10399-10401)**						
	10400	0.970	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	10400	0.970	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	9188	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	9188	0.000	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	9188	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	9188	0.000	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	10401	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	10400	0.485	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	10399	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	10400	0.970	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9188	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
706	**Continuous Members 2 (Member No. 9189,10402-10404)**						
	10402	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	9189	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	10403	0.970	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	10402	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	9189	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	10404	0.015	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	10403	0.970	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	10402	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	9189	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	10403	0.970	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	9189	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
707	**Continuous Members 1 (Member No. 9190,10596,9199)**						
	10596	0.830	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	10596	0.000	RC9	0.12	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	9190	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	9199	0.015	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	9190	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	9190	0.000	RC9	0.09	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	9190	0.110	RC9	0.03	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	9190	0.110	RC9	0.03	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	9190	0.110	RC9	0.04	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	10596	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	10596	0.415	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	10596	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	10596	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9190	0.220	RC9	0.04	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	9190	0.220	RC9	0.38	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	9190	0.000	RC9	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9190	0.000	RC9	0.15	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	9190	0.000	RC9	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9190	0.000	RC9	0.15	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	10596	0.000	RC9	0.42	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
708	**Continuous Members 2 (Member No. 9191,10405,10683,10406,10684,10407)**						
	10406	0.810	RC9	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	10683	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	10684	0.080	RC9	0.07	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	9191	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	10684	0.080	RC9	0.07	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	10406	0.405	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	9191	0.500	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	10684	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9191	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9191	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	10683	0.000	RC9	0.62	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
709	**Continuous Members 3 (Member No. 9192,10408,10685,10409)**						
	10409	0.030	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	10409	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	10685	0.166	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	10685	0.166	RC9	0.04	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	10685	0.166	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	10409	0.000	RC9	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	10409	0.000	RC9	0.01	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	10409	0.015	RC9	0.04	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	10409	0.015	RC9	0.04	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	9192	0.335	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force a

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
							acc. to 6.2.9.1
	10685	0.000	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	10685	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	10409	0.030	RC9	0.03	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	10409	0.030	RC9	0.28	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	10409	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
710	**Continuous Members 2 (Member No. 9193,10410,10411,10686,10412)**						
	10411	0.572	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	9193	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	10410	0.250	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	10686	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	9193	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	10686	0.199	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	10410	0.250	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	10686	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	10412	0.000	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	10686	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	10412	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9193	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9193	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	9193	0.000	RC9	0.49	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
711	**Continuous Members 2 (Member No. 9194,10413-10415)**						
	10414	0.970	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	9194	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	10413	0.000	RC9	0.09	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	9194	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	9194	0.250	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	9194	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	10413	0.000	RC9	0.09	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	10415	0.000	RC9	0.06	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	9194	0.000	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	10413	0.000	RC9	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	10415	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9194	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
712	**Continuous Members 2 (Member No. 9195,10416-10418)**						
	10417	0.970	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	10417	0.970	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	9195	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	9195	0.500	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	10416	0.500	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	9195	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	9195	0.500	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	10416	0.500	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	9195	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	10417	0.485	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	10416	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	10417	0.970	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	9195	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
713	**Continuous Members 2 (Member No. 9196,10419-10421)**						
	10419	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	9196	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	10420	0.970	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	10419	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	9196	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	10421	0.015	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6

2.3 DESIGN BY SET OF MEMBERS

Set No.	Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	10420	0.970	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	10419	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	9196	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	10420	0.970	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	9196	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
1	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.44	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.42	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
10	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
12	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
13	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
14	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
15	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
16	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
17	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
18	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
19	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
20	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
21	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
22	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
23	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
24	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
25	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
26	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
27	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
28	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
29	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.125	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
30	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.46	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
31	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.125	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
32	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
33	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.105	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.003	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.003	RC9	0.04	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.003	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.105	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.105	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.003	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.003	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.003	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.003	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
34	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.175	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.175	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.21	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
35	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.003	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.105	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.003	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.105	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.003	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.003	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.003	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.003	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
36	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.350	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.24	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.350	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
37	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.003	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.105	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.003	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.105	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.003	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.003	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.105	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.003	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.003	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
38	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.700	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.700	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
39	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.003	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.003	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.003	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.105	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.105	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.003	RC1	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.003	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.003	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.003	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
40	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
41	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.003	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.003	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.00	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.700	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	0.105	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.105	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.003	RC9	0.00	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.003	RC9	0.12	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.003	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.003	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.003	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
42	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
43	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.130	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.003	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.105	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.003	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.003	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.003	RC9	0.02	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.03	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.03	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.130	RC9	0.08	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.105	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.105	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.105	RC9	0.09	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.003	RC9	0.09	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.003	RC9	0.43	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.003	RC9	0.46	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
44	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.700	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.350	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.700	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
45	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.050	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
46	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
47	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
48	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.06	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
49	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
50	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.06	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
51	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
52	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
53	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
54	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
55	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC1	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.025	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.45	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
56	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
69	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
70	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.140	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.140	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.140	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
97	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.205	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.103	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.103	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.103	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.103	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.103	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.103	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.103	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.205	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.103	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.103	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.103	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
98	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.410	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.205	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.205	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
99	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
100	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.400	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.400	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.400	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.400	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
101	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.400	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.200	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.400	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.400	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.400	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.400	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
102	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.10	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
103	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.44	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
104	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.42	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
105	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.350	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.700	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.350	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
106	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
107	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2
	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
108	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
109	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
110	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
111	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
112	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
113	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
114	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
115	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
116	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
117	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
118	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
119	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
120	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
121	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
122	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
123	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.700	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
124	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.350	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.700	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
125	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
126	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
127	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.800	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.103	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.103	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.103	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.103	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.205	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.205	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.205	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.103	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.103	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.103	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
128	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.750	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.750	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.750	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.750	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.375	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.750	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
129	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
130	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.400	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
131	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.375	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.375	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.375	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
132	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
133	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.00	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.100	RC9	0.04	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.100	RC9	0.00	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.100	RC9	0.12	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
134	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
135	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.700	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
136	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.700	RC9	0.13	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.700	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC9	0.13	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.700	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.700	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
137	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.052	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.052	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.052	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.052	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.052	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
138	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
139	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.02	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.03	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.050	RC9	0.03	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.100	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.100	RC9	0.09	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.100	RC9	0.43	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.46	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
140	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.06	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
141	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.690	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.690	RC1	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.345	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.690	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.690	RC1	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.345	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.345	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.690	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.44	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
142	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.690	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.690	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.700	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.700	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.690	RC1	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.690	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
143	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC1	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.8
	0.100	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.45	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
144	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.10	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.10	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
164	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
165	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.125	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
166	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.140	RC1	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.140	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
167	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.140	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
168	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.32	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.10	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
169	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
170	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.07	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
171	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
172	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
173	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
174	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.100	RC9	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
175	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
176	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
177	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
178	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
179	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
180	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
181	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
182	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
183	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC1	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
184	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.10	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.10	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
197	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.390	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.195	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.195	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.195	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.195	RC9	0.02	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.195	RC9	0.02	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.195	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.390	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.195	RC9	0.01	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.195	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.195	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.390	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.390	RC9	0.03	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.390	RC9	0.31	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.81	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
198	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 o

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						or 2
	0.050	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.025	RC9	0.03	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.025	RC9	0.08	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.025	RC9	0.08	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.025	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.050	RC9	0.04	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.050	RC9	0.33	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.76	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
199	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.390	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.390	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.195	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.390	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.390	RC9	0.01	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.195	RC9	0.02	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.195	RC9	0.02	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.390	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	0.195	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.195	RC9	0.10	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.390	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.390	RC9	0.04	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.390	RC9	0.35	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.85	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
200	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.025	RC9	0.02	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.025	RC9	0.05	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.025	RC9	0.06	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.050	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.050	RC9	0.05	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.050	RC9	0.37	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.82	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
201	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.610	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.610	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.610	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
202	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.510	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.255	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.255	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.255	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.510	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.255	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.255	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.510	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
203	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
204	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.600	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.600	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.600	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.600	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
205	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.250	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.500	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
206	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.150	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
207	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.300	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
208	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
209	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.650	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.325	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.650	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.650	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.325	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
210	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
211	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
212	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.300	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
213	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
214	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.325	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.325	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
215	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
216	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
217	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
218	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
219	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.325	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.650	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.325	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
220	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
221	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
222	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
223	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.20	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
224	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.650	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
225	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
226	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
227	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
228	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
229	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.325	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.650	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.325	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
230	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
231	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
232	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
233	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
234	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.650	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
235	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
236	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 a

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
237	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.300	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
238	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.175	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
239	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.650	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.325	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.650	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.650	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.325	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
240	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
241	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC1	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
242	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.300	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
243	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.175	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.175	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
244	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.650	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.325	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.650	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
245	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.08	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
246	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC1	0.11	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC1	0.11	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.075	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC1	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.150	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
247	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.650	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.325	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
248	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.650	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.325	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.650	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.650	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.325	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
249	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
250	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.650	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
251	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.325	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.650	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.325	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
252	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
253	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.300	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
254	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
255	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.212	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.106	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.212	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.212	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.212	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
256	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.080	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.040	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.040	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.040	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.040	RC9	0.06	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.040	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.040	RC9	0.06	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.040	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.040	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.040	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.080	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.080	RC9	0.03	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.080	RC9	0.29	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
257	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.250	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
258	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
259	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
260	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.106	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.106	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.106	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.212	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
261	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
263	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC1	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
264	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.31	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.10	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
265	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.125	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
266	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
267	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
268	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.10	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.10	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.300	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
269	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC1	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
270	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
271	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
272	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
273	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.250	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
274	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.075	RC9	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
275	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
276	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
277	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.125	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.125	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
278	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.075	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.075	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.075	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
279	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
280	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
281	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.250	RC9	0.18	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.18	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
282	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.075	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.075	RC9	0.19	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.19	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.075	RC9	0.05	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.075	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
283	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
284	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.08	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.08	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.075	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2
	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
285	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.125	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.125	RC9	0.10	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC9	0.10	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
286	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC1	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.075	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
287	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
288	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.075	RC1	0.12	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.075	RC1	0.16	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
289	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC9	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.24	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.700	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.62	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
290	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.555	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.555	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
291	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.700	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.13	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
292	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.14	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.555	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.300	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.14	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.555	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
293	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.31	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.700	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.13	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
294	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.555	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.555	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.22	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.555	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
295	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.12	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.17	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.300	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.300	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.81	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
296	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.300	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
297	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.10	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.15	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.09	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.68	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
298	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
299	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.23	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.23	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.23	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.14	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
300	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
301	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.33	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.33	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.07	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.33	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.11	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.15	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.45	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
302	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.27	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
303	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.12	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.53	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
304	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
329	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.11	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.15	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.10	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.25	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.67	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
330	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
331	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.400	RC9	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.200	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.400	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.400	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.62	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
332	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.520	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.260	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.260	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.260	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.520	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.520	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
333	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.10	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.15	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC9	0.68	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
334	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
335	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.08	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.15	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.42	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
336	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
337	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.400	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.400	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.400	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.13	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
338	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.260	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.260	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.260	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.260	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.260	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.520	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.6, 6.2.7 and 6.2.9
	0.520	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.520	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
339	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.15	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.15	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.14	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
340	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
341	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.14	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.31	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.09	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.14	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.52	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
342	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.03	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.100	RC9	0.22	≤ 1	CS146)	Cross-section check - Bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.100	RC9	0.20	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.22	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	0.100	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.100	RC9	0.04	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.100	RC9	0.34	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
343	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC9	0.18	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.200	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.400	RC9	0.18	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.200	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.400	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.13	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
344	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.260	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.260	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.520	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.520	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
345	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.18	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.18	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.05	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.22	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.15	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.45	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
346	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
347	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.13	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.18	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.84	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
348	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
349	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.400	RC9	0.08	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.12	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.400	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.400	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.400	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.68	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
350	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.400	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.400	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.400	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
351	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.53	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
352	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
353	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.040	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.040	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
354	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.410	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.205	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.410	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
359	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
360	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
362	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.550	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.550	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.275	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
363	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
365	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.10	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.15	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.88	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
366	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.45	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
367	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
368	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
369	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.09	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC9	0.46	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
370	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
371	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
372	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
385	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC9	0.11	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.15	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.28	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.10	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.88	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
386	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.10	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.60	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
387	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.500	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.58	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
388	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.06	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.10	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.49	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
389	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.110	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.49	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
390	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.45	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
391	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.53	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
392	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.051	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.026	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.026	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.026	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.051	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.051	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.051	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.53	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
393	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
394	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.055	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.055	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
395	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.06	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC9	0.23	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
396	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
397	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.500	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
398	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.25	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
399	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.110	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
400	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
401	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
402	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.051	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.051	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.026	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.026	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.051	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.051	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.051	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.051	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
403	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
404	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.110	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
405	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.30	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.30	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.11	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC9	0.33	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.10	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.46	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
406	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.34	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.11	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.44	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
407	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.500	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
408	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.10	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
409	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.110	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
410	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.25	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
411	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.26	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.075	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.26	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.08	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.29	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.42	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
412	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.026	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.026	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.026	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.051	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.42	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
413	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.26	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
414	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.110	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.055	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
415	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.20	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
416	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
417	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.250	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
418	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.23	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
419	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.110	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.055	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.110	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.055	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
420	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
421	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.150	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.150	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
422	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.051	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.026	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.051	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.051	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
423	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
424	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.110	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.110	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
425	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
426	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.037	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
427	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.250	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.125	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
428	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC9	0.08	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.15	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.038	RC9	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.038	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.73	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
429	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
430	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
431	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
432	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.075	RC9	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.038	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.53	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
433	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.13	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.13	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
434	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.15	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.15	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.075	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.075	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.037	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
435	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
436	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.46	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
437	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
438	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
439	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
440	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.075	RC9	0.23	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.075	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.49	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
441	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.555	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.300	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.555	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
442	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.44	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
443	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.300	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.555	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
444	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.150	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.300	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.300	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
445	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.300	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.555	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
446	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.150	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.300	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
447	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
448	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
449	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
450	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.52	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
451	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
452	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
453	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.24	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
454	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
455	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
456	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
481	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
482	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.46	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
483	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.520	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.260	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.260	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.260	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.520	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.520	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.520	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
484	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.400	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.400	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.400	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.400	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.400	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.400	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.44	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
485	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
486	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.100	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.100	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.52	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
487	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
488	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
489	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.260	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.260	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.260	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.520	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.260	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.520	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.520	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.520	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
490	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.400	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.400	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.400	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.700	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.700	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
491	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.100	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.100	RC1	0.14	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.100	RC1	0.19	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
492	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.100	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.100	RC1	0.06	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.100	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.100	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
493	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.17	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.17	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
494	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
495	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.260	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.520	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.260	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.520	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
496	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 o

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						or 2
	0.400	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.400	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.700	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.700	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
497	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
498	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.100	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.100	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
499	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
500	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
501	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.400	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.200	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.400	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
502	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.400	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.700	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.700	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.400	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.400	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.400	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
503	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
504	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
505	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
506	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
508	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
509	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.350	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
517	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.46	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
518	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.84	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
519	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.14	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.23	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
520	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.100	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.50	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
521	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
522	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.48	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
523	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.57	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
524	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.53	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
537	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.46	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
538	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC9	0.08	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.51	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
539	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.051	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.026	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.026	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.026	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.026	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.026	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.026	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.51	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
540	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
541	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
542	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.175	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.087	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.087	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.175	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.175	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.175	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.175	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.84	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
543	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.11	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.075	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.71	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
544	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.500	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.76	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
545	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.06	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.66	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
546	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.06	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.085	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.042	RC9	0.06	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.042	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.085	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.085	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.66	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
547	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
548	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
549	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.051	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.026	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.026	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.051	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.051	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.051	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.051	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
550	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
551	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.055	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.110	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
552	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.087	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.087	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.087	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.175	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.175	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.50	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
553	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.07	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.150	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.075	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.50	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
554	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.500	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.250	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.500	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.500	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.49	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
555	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.49	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
556	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.042	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.042	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.042	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.085	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.49	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
557	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
558	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.22	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
559	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.051	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.026	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.026	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.026	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
560	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
561	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.055	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.110	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
562	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.087	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.087	RC9	0.03	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.087	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.175	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.087	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.087	RC9	0.09	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	0.087	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.175	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.175	RC9	0.02	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.175	RC9	0.24	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.48	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
563	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.075	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.49	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
564	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.500	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.250	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.500	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.500	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.48	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
565	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.46	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
566	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.042	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.085	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.46	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
567	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.125	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.57	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
568	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.075	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.57	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
569	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.051	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.026	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.026	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.051	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.051	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.62	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
570	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.15	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.15	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.21	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.61	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
571	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.110	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.16	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.055	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.16	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.055	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.61	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
572	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.175	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.087	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.087	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.087	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.175	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.175	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.175	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.53	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
573	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2
	0.000	RC9	0.53	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
574	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.500	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.500	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.500	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.58	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
575	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.01	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.050	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.02	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.03	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.100	RC9	0.03	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.100	RC9	0.26	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.55	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
576	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.042	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.01	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.085	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.042	RC9	0.02	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.085	RC9	0.03	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.042	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.085	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.085	RC9	0.03	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.085	RC9	0.27	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.55	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
577	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.250	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.125	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.125	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
578	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.038	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.038	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.075	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
579	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
580	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.037	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.037	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
584	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.15	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.400	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.60	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
585	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.400	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.700	RC1	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.400	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.400	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.400	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.700	RC1	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.700	RC9	0.21	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.400	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.400	RC9	0.46	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
586	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
587	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
588	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.400	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.400	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.400	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.400	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.400	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.400	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
589	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
593	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.63	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
594	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.48	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
595	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						acc. to 6.2.9.1
	0.250	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.62	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
596	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.900	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.800	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.500	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.500	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.500	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.500	RC1	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.15	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.800	RC9	0.60	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
597	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.110	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.055	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.110	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.60	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
598	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.200	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.48	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
599	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.051	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.026	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.026	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.026	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.051	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.61	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
600	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.110	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.055	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.055	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.110	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.110	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.54	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
601	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.250	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
602	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.037	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.037	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.56	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
603	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.15	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.23	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
604	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC9	0.10	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.18	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.038	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC9	0.26	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.84	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
608	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.56	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
609	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.200	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.400	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.400	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.45	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
610	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.51	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
611	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.12	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC9	0.07	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.400	RC9	0.07	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.400	RC9	0.10	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.400	RC9	0.14	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.71	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
612	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.400	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.400	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.400	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.400	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.400	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.400	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.400	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.58	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
613	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.56	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
617	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.50	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
618	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.72	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
619	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.200	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.200	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.200	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.49	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
620	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.051	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.026	RC9	0.05	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.026	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
621	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.110	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.055	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.055	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.110	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.47	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
622	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.175	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.087	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.175	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.087	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.175	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.72	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
623	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.500	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.14	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.65	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
624	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.085	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.042	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.085	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.085	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.085	RC9	0.10	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.70	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
625	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
626	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
627	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
628	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.075	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
629	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.150	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
630	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
631	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
632	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
633	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
634	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
635	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
636	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
637	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
638	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
639	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.150	RC1	0.12	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.14	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC1	0.68	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.10	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.12	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.150	RC1	0.51	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
640	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.150	RC1	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.150	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
641	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.05	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.05	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC1	0.01	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC1	0.05	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC1	0.05	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.075	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.150	RC1	0.04	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.150	RC1	0.35	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.075	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
642	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.150	RC1	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.075	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
643	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.05	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC9	0.06	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.56	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
644	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.57	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
645	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.075	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
646	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
647	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
648	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
649	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
650	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
651	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
652	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
653	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.150	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
654	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
655	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
656	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
657	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.050	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.025	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
658	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.050	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
659	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.025	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
660	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
677	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.020	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
678	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.020	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
679	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.06	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
680	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
681	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
682	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
683	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
684	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
685	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.040	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.040	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.040	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
686	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.040	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.040	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.040	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
687	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.040	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.040	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.040	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
688	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.040	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.040	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
689	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.350	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.350	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
690	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.350	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.350	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
691	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.700	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
692	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
693	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.700	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
694	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.700	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
695	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.350	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
696	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
697	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.700	RC9	0.13	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.350	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC9	0.13	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
698	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.700	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
699	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
700	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
722	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.025	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
723	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
724	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.025	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.025	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.000	RC1	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
725	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.025	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC1	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
726	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.025	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
727	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
728	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.060	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.060	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.02	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.030	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.03	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.060	RC9	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.030	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.030	RC9	0.11	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	0.030	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.060	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.060	RC9	0.04	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.060	RC9	0.34	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.56	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
729	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.500	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.250	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.250	RC9	0.00	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.500	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.250	RC9	0.01	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.500	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.03	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.500	RC9	0.00	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.500	RC9	0.15	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.51	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
730	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.54	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
731	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.060	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.030	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.030	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.02	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.030	RC9	0.05	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.030	RC9	0.05	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC9	0.02	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.060	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.060	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.31	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.57	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
732	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.250	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.250	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.500	RC9	0.00	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.50	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
733	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.49	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
734	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.060	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.060	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.02	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.02	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.060	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.060	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.060	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.060	RC9	0.02	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.060	RC9	0.25	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
735	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.060	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.060	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.060	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.01	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.02	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.03	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.060	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.060	RC9	0.01	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.060	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.060	RC9	0.01	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.060	RC9	0.19	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
736	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
737	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.04	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
738	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.350	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.350	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.350	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.700	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.700	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.700	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
739	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.700	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
740	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.060	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.060	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
741	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.060	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.060	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.060	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
742	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC1	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
743	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
744	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
745	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
746	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.100	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
747	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
748	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
749	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
750	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.700	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
751	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.700	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
752	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
753	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
754	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
755	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.075	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.075	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
756	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.700	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.350	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.700	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
757	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.350	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.700	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.700	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
758	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
759	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
760	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
761	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
762	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.055	RC9	0.15	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.055	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.055	RC9	0.15	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.110	RC9	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.110	RC1	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.110	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
763	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.055	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.110	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.110	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.110	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
764	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
765	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
766	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.620	RC1	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.620	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.310	RC1	0.38	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.39	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.49	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
767	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.025	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.025	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.025	RC1	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
768	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.025	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
769	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.620	RC1	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.620	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.620	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.620	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.620	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.620	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
770	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
771	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
772	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.045	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.090	RC1	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC1	0.02	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.090	RC1	0.04	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.090	RC1	0.04	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.090	RC9	0.05	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.090	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.32	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
773	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.025	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.025	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.02	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.025	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.025	RC9	0.03	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.050	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.11	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	0.000	RC1	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.050	RC9	0.02	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.050	RC9	0.23	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
774	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.07	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.07	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.13	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
775	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.090	RC1	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.090	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.090	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
776	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
777	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.04	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
778	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
779	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
780	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.055	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.055	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.110	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.110	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
781	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.055	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.055	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.110	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.055	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.110	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
782	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.280	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.03	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.03	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.04	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.280	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.280	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.280	RC9	0.17	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.280	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.280	RC9	0.06	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.280	RC9	0.41	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
783	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.280	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.140	RC9	0.02	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.04	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.05	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.280	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.280	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.280	RC9	0.08	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.280	RC9	0.44	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
784	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.320	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
785	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.320	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.160	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.160	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.160	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.160	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
786	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.160	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.160	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
787	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.320	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
788	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.160	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.160	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.320	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
789	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.320	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.160	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.320	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
790	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.320	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.160	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
791	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.320	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.320	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
792	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.160	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.320	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.320	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.320	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
793	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.160	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.320	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
794	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.160	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.320	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.320	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.320	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
795	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.320	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.160	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
796	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.160	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.320	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.320	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
797	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.160	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.160	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.160	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.320	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.320	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
798	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.320	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.160	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.160	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.320	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.320	RC1	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.320	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
799	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.320	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.160	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.160	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.160	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.160	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.320	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.160	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.320	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
800	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.110	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.055	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.055	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.110	RC1	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.07	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.05	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.09	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.055	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.055	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.110	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.110	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.110	RC9	0.09	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	0.055	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.110	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.81	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
801	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.110	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.110	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.110	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.110	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.06	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.055	RC9	0.08	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.055	RC9	0.10	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.055	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.055	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.055	RC9	0.03	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.110	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.110	RC9	0.02	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.110	RC9	0.29	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.85	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
802	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.055	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.110	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
803	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.110	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.110	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.110	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.110	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
804	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.110	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.110	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.110	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
805	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.110	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.055	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.110	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
806	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
807	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
808	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
809	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
810	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.055	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.055	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.055	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.110	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.110	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.110	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
811	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.110	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.055	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.110	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
812	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.110	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.055	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.110	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.110	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
813	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.055	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.110	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
814	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.110	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.110	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.055	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.055	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.110	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
815	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.110	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.110	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.110	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
816	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.060	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.060	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.120	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.060	RC9	0.01	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.060	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.060	RC9	0.02	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.120	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.25	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
817	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.060	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.120	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.120	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.120	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
818	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.055	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.055	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.055	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
819	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.055	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
836	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.110	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.055	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.110	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.110	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
837	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.110	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.110	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.055	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.110	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.055	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.110	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
838	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.125	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
839	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.21	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC9	0.21	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.10	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC9	0.20	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.10	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
840	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
841	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.21	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
842	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
843	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
844	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC1	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
845	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
846	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.125	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
847	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC1	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC1	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.14	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
848	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
849	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
850	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
851	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
852	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
853	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
854	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.125	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.125	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.125	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
855	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
860	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.175	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.350	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.175	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
861	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.175	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.175	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.350	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.175	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
862	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.175	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
863	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.350	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
864	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
865	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.175	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
870	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
871	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
872	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
873	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
874	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.07	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
875	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.11	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.11	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
885	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
886	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
887	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
888	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
889	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC1	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.025	RC1	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.04	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.00	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.04	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.03	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	0.025	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.050	RC9	0.00	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
890	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.025	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
891	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC1	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.45	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
892	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
893	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
934	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.060	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.060	RC9	0.01	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.060	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.120	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.120	RC9	0.05	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
935	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.345	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.345	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.345	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.690	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.690	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
936	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.055	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.055	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
937	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.11	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.02	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.00	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.02	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.025	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.025	RC9	0.01	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
938	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.345	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.690	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.690	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.690	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.345	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.690	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
939	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.03	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.025	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.03	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.04	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
940	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.060	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.120	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.120	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.120	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
941	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.345	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.690	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.690	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
942	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.110	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.110	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
943	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.025	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
944	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.345	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.690	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.690	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
945	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
946	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.060	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.120	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.120	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
947	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.345	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.690	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.690	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
948	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.110	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
949	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.130	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.065	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
950	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.060	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.120	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
951	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.345	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.345	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.345	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.690	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.690	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.690	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
952	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.110	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.055	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
953	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.065	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.065	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.065	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
954	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.120	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.060	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.060	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.060	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.060	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.060	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
955	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.690	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.345	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.690	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.345	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.690	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
956	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.110	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.110	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.110	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
957	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.130	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.130	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.130	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
958	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.120	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.060	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
959	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.690	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.345	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.345	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.345	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.690	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
960	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.110	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.110	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
961	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.130	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.130	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.065	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.130	RC1	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.130	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
962	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.060	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
963	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.345	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.690	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.345	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.690	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
964	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.110	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
965	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
966	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.060	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
967	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.345	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.690	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
968	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.110	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
969	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.025	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
970	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.060	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.120	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.120	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
971	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.345	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.690	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.690	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.690	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
972	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.110	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.11	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.11	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.110	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
973	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.025	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.025	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
974	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.060	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
975	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.345	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.690	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
976	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.055	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
977	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
978	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.800	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.800	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.400	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.800	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
979	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.025	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
980	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.400	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.800	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
981	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.025	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.025	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.025	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.050	RC1	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.050	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
982	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.400	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.400	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.400	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.400	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.800	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.400	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
983	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.025	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
984	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.800	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.400	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.400	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
985	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
994	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.030	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.03	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.030	RC9	0.02	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.04	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.060	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.060	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.060	RC9	0.08	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.18	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
995	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.02	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.02	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.02	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.030	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.060	RC9	0.03	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	0.060	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.00	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
996	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.030	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
997	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.030	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.060	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.030	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
998	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.060	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.02	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.030	RC9	0.02	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.03	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.030	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.54	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
999	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.01	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.02	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.02	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.060	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.060	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.49	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1000	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.440	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.220	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.440	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.440	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.440	RC9	0.20	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.440	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.56	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1001	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.440	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.220	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.220	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.220	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.220	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.220	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.440	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.57	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1002	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.040	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.020	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.020	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.040	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.040	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1003	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.040	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.020	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.040	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.020	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.040	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1004	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.040	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.020	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.040	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1005	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.040	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.040	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1010	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.030	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.030	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.060	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.060	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1011	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.060	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.060	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.060	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1012	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.060	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.060	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.060	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1013	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.030	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.060	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1014	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.210	RC1	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.210	RC1	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.18	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.49	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1015	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.210	RC1	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.105	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.210	RC1	0.04	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.210	RC1	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.210	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.105	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						acc. to 6.2.9.1
	0.210	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1018	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.105	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.105	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.210	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1019	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.210	RC1	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.105	RC1	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.210	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.105	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.210	RC1	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.105	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.210	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1026	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.17	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.17	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.295	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.590	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1027	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1028	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.590	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1029	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.590	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1030	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.315	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.315	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.17	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.630	RC1	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.49	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1031	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.630	RC1	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.630	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.630	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.630	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.630	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.630	RC1	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.630	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1032	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.315	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.630	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.315	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.315	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.315	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1033	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.630	RC1	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.315	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.315	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.315	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.315	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1054	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.080	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.040	RC9	0.05	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.040	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.080	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.9.1
	0.080	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.080	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.76	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1055	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.080	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.040	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.16	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.03	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.040	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.03	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.080	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.080	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.33	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.82	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1056	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.260	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.260	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.130	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.130	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.130	RC9	0.01	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.01	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.260	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.130	RC9	0.08	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.260	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.260	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.81	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1057	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.260	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.130	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.130	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.130	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.130	RC9	0.01	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.02	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.03	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.29	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.85	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
1058	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.03	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.140	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.03	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.140	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.140	RC9	0.02	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.070	RC9	0.11	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.140	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.140	RC9	0.02	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.140	RC9	0.25	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1059	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.140	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.03	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.140	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.140	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.140	RC9	0.02	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.140	RC9	0.24	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1060	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.040	RC9	0.04	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.040	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.15	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.03	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.040	RC9	0.11	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.040	RC9	0.11	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.080	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.080	RC9	0.23	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.080	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.080	RC9	0.05	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.080	RC9	0.38	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1061	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.080	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.12	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1062	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.140	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.070	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.140	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.140	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.140	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1063	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.140	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.070	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.140	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.140	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1064	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.080	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.080	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.01	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.080	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.01	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	0.080	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.080	RC9	0.02	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.080	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.080	RC9	0.00	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.080	RC9	0.09	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1065	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.080	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.040	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.040	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.080	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1066	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.140	RC9	0.14	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.140	RC9	0.14	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.8
	0.140	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.140	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.140	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1067	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.140	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.070	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.140	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1068	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.040	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.080	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1069	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.080	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.02	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.02	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.03	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.040	RC9	0.01	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	0.080	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.040	RC9	0.03	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.080	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.080	RC9	0.00	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.080	RC9	0.12	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1070	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.140	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.140	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.140	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1071	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.140	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.140	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.140	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.070	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.140	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1072	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.260	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.130	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.260	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.260	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1073	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.130	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.260	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.130	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.260	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1074	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.130	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1075	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.260	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.260	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.130	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.260	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.260	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.130	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1076	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.080	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.040	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.080	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.040	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.080	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.080	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.040	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.080	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1077	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.040	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.040	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.01	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.01	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.080	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.040	RC9	0.01	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	0.040	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.080	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.080	RC9	0.00	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.080	RC9	0.10	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1078	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.080	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.080	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.080	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.040	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.080	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.080	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1079	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.040	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.040	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.02	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.040	RC9	0.03	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.040	RC9	0.03	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.040	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	0.080	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.00	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1080	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.080	RC1	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.080	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.080	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.080	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1081	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.080	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.040	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.040	RC1	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.080	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.040	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.040	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.080	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.080	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.080	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1082	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1083	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.038	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.038	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.50	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1084	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
1085	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.45	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1086	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1087	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.038	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1088	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.11	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1089	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1090	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.46	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
1091	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1092	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1093	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.12	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1094	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1095	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1096	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1097	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.12	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1108	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.50	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1109	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.45	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1110	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.400	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.400	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.200	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.400	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.400	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1111	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.400	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.700	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.700	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.400	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.700	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.700	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.400	RC9	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.400	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.400	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.400	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1112	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.075	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1113	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC1	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1114	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1115	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1116	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.400	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.400	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1117	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.12	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.700	RC9	0.10	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.400	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC9	0.10	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.700	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.700	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
1118	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1119	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.12	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC1	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1120	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1121	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.038	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1122	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1123	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1124	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.700	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1125	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1126	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1127	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1131	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1132	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1133	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.400	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.400	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.400	RC1	0.10	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.400	RC1	0.14	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1134	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.400	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.700	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.700	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.700	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1135	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1136	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1137	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1138	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.075	RC1	0.12	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.075	RC1	0.17	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1139	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1140	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
1141	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.700	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.700	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.13	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.18	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.300	RC1	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1142	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.700	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.700	RC1	0.17	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.700	RC1	0.24	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1143	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1144	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1148	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.17	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1149	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1150	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.400	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.400	RC1	0.13	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.400	RC1	0.18	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1151	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.700	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.400	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.17	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.24	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.400	RC1	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1152	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1153	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1154	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1155	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1156	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1157	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1158	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1159	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1160	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1161	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1165	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1166	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1167	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.400	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1168	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.400	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.700	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1169	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1170	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1184	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.191	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.096	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.096	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.191	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.096	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
1185	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.221	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.111	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.111	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.111	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1186	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.124	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.248	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
1187	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.022	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.011	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.022	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.011	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.011	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.022	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
1200	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.050	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.025	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1201	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.025	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.025	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1202	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.050	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1203	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.07	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.025	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.025	RC9	0.07	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1204	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1205	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.050	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1206	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1207	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1208	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1209	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1212	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.050	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 a

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1213	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.025	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1214	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.050	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1215	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.050	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.025	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1216	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.025	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.025	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1217	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.9.1
	0.025	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1218	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1219	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.320	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.320	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1220	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1221	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.320	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1224	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC1	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC1	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.250	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1225	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC1	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC1	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.47	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1226	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1227	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.22	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1228	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.110	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.055	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.055	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.110	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1229	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.110	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.055	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.110	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.055	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.110	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.110	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
1230	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.055	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.110	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.110	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1231	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.110	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.110	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1232	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.055	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.110	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.110	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.055	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.110	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.45	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1233	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.055	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.110	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.055	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.110	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.48	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1236	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1237	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.45	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1238	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1239	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1240	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.090	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.020	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1241	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.090	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.020	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.090	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.090	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.45	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1242	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.090	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1243	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.090	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1252	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.191	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.191	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.191	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.191	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1253	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.221	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.111	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1254	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.248	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.124	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1255	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.022	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.011	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1256	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 a

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1257	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.090	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.28	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.090	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1258	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1259	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.06	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.29	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1260	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.42	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1261	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.08	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.21	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.090	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.13	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1262	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.45	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1263	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.08	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.090	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.14	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.46	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1280	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.330	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.330	RC1	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.165	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.165	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.165	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.330	RC1	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.330	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.330	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1281	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.710	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.330	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.330	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.630	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.630	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.710	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.330	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.330	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.330	RC9	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.330	RC9	0.47	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1282	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.040	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.020	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.040	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1283	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.040	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.020	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.040	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.45	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1284	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.330	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.165	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.330	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.330	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1285	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.710	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.630	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.710	RC9	0.20	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.710	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1286	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.040	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.040	RC9	0.07	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.040	RC9	0.07	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.020	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1287	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.040	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.020	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1288	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.800	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.400	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.800	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.800	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1289	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.040	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.020	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.020	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.020	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.040	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.040	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1290	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.800	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.800	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.630	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.800	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.800	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1291	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.040	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.020	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.020	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.040	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.040	RC9	0.22	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.040	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1292	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.165	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.165	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1293	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.040	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.020	RC9	0.14	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.040	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.040	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.020	RC9	0.14	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1294	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.630	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.710	RC9	0.27	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.710	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						acc. to 6.2.9.1
	0.710	RC9	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1295	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.06	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.030	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1296	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.165	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.165	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.42	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1297	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.08	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.020	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1298	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.330	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.710	RC1	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.330	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.710	RC9	0.14	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.45	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1299	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.08	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.060	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.46	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
1304	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1305	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.64	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1306	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1307	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.15	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.71	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1308	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.10	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1309	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1310	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.12	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1311	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.038	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.038	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.67	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1312	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.300	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.61	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1313	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.300	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.58	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1314	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1315	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.000	RC9	0.52	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1316	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.50	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1317	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1318	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.07	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.07	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1319	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.44	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1330	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.64	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1331	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.12	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.62	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1332	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.400	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC9	0.06	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.400	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.700	RC9	0.06	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.400	RC9	0.14	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.400	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.400	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.400	RC9	0.15	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.52	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1333	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.400	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.700	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.400	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.700	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.700	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.400	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.400	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.47	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1334	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.05	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC1	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.09	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.50	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1335	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1336	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1337	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.55	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1338	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.700	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.700	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1339	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.400	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.700	RC9	0.08	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.400	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC9	0.08	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.400	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.700	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.52	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1340	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.09	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.075	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1341	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.44	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1342	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.250	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1343	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1344	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.12	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1345	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.038	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.038	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.58	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1346	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.700	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.300	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.700	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1347	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.300	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.000	RC9	0.46	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1348	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1349	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1353	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1354	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.49	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1355	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.700	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.700	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.400	RC1	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1356	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.400	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.400	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.700	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.400	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.46	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1357	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1358	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1359	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1360	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1361	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.23	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1362	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.26	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.038	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1363	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.700	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1364	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1365	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1366	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.12	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.16	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1370	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1371	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1372	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.700	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.700	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1373	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.400	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1374	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1375	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1376	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.10	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1377	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1378	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1379	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1380	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1381	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1382	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.12	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1383	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1387	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1388	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1389	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.700	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1390	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.400	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.400	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.700	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.400	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1391	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.12	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1392	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1393	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.191	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.096	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.191	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1394	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.221	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.221	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1395	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.248	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.248	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.124	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.124	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.248	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.248	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1396	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.022	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.011	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1416	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.096	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.191	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.191	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.191	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
1417	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.221	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.221	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.221	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
1422	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC1	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.14	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1423	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.025	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.025	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.025	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1424	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1425	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.025	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1426	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1427	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC1	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1428	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1429	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1430	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1431	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1432	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.248	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.248	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.124	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.124	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.124	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
1433	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.022	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.022	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.011	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.022	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.022	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.022	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
1434	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.10	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.025	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1435	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.050	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.06	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1436	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.050	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.025	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
1437	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.08	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.025	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1438	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.025	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1439	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.025	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1440	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.320	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.320	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1441	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.025	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1442	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.320	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1443	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1446	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.180	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.180	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.70	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1447	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.47	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1448	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.26	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.42	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1449	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1450	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.110	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.055	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.110	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.110	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.110	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1451	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.110	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.055	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.110	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.110	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.110	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.57	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1452	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.110	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.110	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1453	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.110	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.055	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.110	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.6, 6.2.7 and 6.2.9
	0.055	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.110	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.59	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1454	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.055	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.110	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.055	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.110	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.42	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1455	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.055	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.110	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.110	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.58	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1458	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.69	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1459	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.46	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1460	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.14	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.14	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.26	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1461	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1462	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.090	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.020	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.020	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.020	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.020	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.090	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.75	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1463	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.090	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.020	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.090	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.090	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.090	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.090	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.48	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1464	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.090	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.045	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.090	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.090	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1465	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.090	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.07	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.045	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.045	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1478	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1479	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.23	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1480	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.57	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1481	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.56	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1482	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1483	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.08	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.29	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.090	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.09	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1484	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.100	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.100	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.55	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
1485	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.08	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.045	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.56	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1502	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.710	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.330	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.330	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.630	RC9	0.06	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.330	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.630	RC9	0.07	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.330	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.330	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.710	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.330	RC9	0.30	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.330	RC9	0.77	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1503	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.330	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.330	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.330	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.165	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.165	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.330	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.330	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.330	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.46	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1504	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.040	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.020	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.020	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.020	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.020	RC9	0.02	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.040	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.020	RC9	0.02	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.020	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.040	RC9	0.13	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	0.040	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.040	RC9	0.02	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.040	RC9	0.26	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.75	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1505	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.015	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.007	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.007	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.015	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.015	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.015	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.015	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.015	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.48	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1506	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.710	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.13	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.355	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.710	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.21	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.355	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1507	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.330	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.330	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.165	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.330	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.330	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.165	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1508	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.040	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.020	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.020	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.040	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.040	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.020	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1509	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.015	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.007	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.015	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.007	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.015	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.015	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1510	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.800	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.400	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.800	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.6, 6.2.7 and 6.2.9
	0.800	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.800	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1511	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.040	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.020	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.020	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.040	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.040	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1512	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.330	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.330	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.165	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.330	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.165	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.330	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.57	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1513	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.015	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.007	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.015	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.015	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.015	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.015	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.57	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1514	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.630	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.710	RC9	0.23	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.710	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.710	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1515	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.030	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1516	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.330	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.165	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.330	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.165	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.330	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.57	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1517	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.015	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.015	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.56	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1518	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.710	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.710	RC9	0.29	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.330	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.710	RC9	0.09	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1519	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.08	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.030	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1520	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.165	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.330	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.55	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1521	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.08	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.007	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.015	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.007	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.015	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.56	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1522	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.57	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1524	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.07	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.63	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1525	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.700	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.700	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.49	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1534	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.450	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.225	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.225	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.225	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.225	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.225	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.450	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.53	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
1535	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.090	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.06	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.090	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.090	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.090	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1536	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.090	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.045	RC9	0.07	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.090	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.045	RC9	0.07	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.090	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1537	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1538	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.045	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.045	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.42	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1539	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.045	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.46	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1540	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.240	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.120	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1541	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.240	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.120	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1542	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.070	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.140	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1543	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.140	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.140	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.140	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1544	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.07	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.140	RC9	0.06	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.140	RC1	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.140	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.45	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1545	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.06	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.070	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.140	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.48	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1554	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.090	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.06	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.090	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.045	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1555	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.030	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.06	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.60	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1556	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.090	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.090	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1557	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.06	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.60	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1558	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.090	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.045	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1559	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.030	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.030	RC9	0.29	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.11	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.59	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1560	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.240	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.120	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.120	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1561	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.240	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.240	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.120	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.240	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.57	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1562	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.140	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.070	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1563	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.140	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.140	RC9	0.08	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.140	RC9	0.08	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.140	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.140	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.070	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.140	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.59	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
1564	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.140	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.140	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.140	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.42	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1565	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.140	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.140	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.140	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.58	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1566	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1568	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1569	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1570	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.125	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.125	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1571	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1579	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1580	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1581	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.250	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1582	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1588	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.170	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.085	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.085	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1589	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.085	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.170	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1590	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.570	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.285	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.285	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.285	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.285	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.285	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.285	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.44	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1592	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.079	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1593	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.010	RC1	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.010	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.010	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.010	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.010	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.010	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.9.1
	0.000	RC1	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.010	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.45	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1594	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.158	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.158	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.079	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1597	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1598	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.16	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1599	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.125	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC1	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1600	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
1601	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.15	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1602	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1603	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.075	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1604	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1605	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1606	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.350	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.350	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.175	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1607	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1608	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.18	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.350	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.175	RC9	0.18	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.06	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.24	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1609	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.350	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1610	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1611	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.050	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.025	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.050	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.050	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1612	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1613	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.025	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1624	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1625	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1626	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.350	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.700	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.700	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1627	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.350	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.700	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.700	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1628	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1629	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1630	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1631	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
1632	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.700	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.350	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.700	RC9	0.06	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.700	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1633	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.350	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.700	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1634	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1635	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1642	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1643	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1644	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.100	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.100	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1645	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1650	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.300	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1651	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1652	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.650	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.325	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.650	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.650	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.650	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC1	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1653	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1654	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1655	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1656	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1657	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.325	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.650	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC1	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1658	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.100	RC1	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1659	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.23	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1660	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC9	0.23	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1661	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.23	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1662	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.650	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.650	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.325	RC1	0.13	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC1	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1663	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.21	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.22	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1664	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.150	RC1	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1665	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1666	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1667	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.325	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.325	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1668	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1669	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.23	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1670	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC1	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
1671	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.28	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1672	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1673	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.24	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1674	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.350	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.175	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.350	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1675	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1676	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.12	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.350	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.350	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.350	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. t

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.5 and 6.2.8
	0.175	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.175	RC1	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1677	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.350	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.175	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1678	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1679	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.025	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1680	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.025	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1681	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1682	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.250	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.23	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1683	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.250	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1684	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.250	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.125	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.125	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
1685	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1686	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.075	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.9.1
	0.000	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
1687	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1688	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
1689	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.175	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.175	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1690	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
1691	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1695	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
1696	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1697	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.350	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
1698	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.700	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1699	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
1700	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1704	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
1705	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1706	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.150	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.150	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.300	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.300	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.300	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
1707	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.350	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.350	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.350	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
1708	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.650	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.650	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.650	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.650	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
1709	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
1710	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.075	RC9	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.075	RC9	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.075	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
1711	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.300	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.300	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1712	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.350	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
1713	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.650	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.650	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.650	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.650	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.650	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.650	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
1714	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.20	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
1715	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.22	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
1716	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC1	0.24	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
1717	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.23	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.23	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC1	0.07	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
1718	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.350	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.175	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.350	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.175	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
1719	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.175	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.175	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.175	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1720	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
1721	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1730	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.9.1
	0.150	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1731	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1732	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.350	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.175	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1733	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.350	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1734	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.23	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1735	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1743	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1744	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1745	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.700	RC9	0.23	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.350	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.350	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.700	RC9	0.23	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.350	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.700	RC9	0.23	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1746	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.700	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1747	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1748	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1752	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1753	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1758	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC1	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1759	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.175	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1760	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.325	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.650	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.650	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1761	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1762	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1763	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1764	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1765	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.325	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.650	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1766	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1767	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1768	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.23	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1769	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.24	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1770	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.350	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.350	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1771	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.350	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
1772	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.025	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1773	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.025	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1774	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.20	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1775	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1776	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1777	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1778	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.175	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.175	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1779	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.175	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.175	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1780	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1781	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.025	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1789	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1790	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.100	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1791	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.350	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.700	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1792	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.350	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.700	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1793	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1794	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1798	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1799	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1804	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1805	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.175	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1806	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.650	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.325	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.650	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.650	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1807	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.17	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1808	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.075	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.18	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1809	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.300	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1810	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.07	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.175	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.350	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1811	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.325	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.650	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.650	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1812	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1813	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.17	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1814	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.18	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
1815	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC9	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1816	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.175	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1817	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.175	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1818	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.025	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1819	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.025	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1820	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1821	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.13	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1822	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC1	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC1	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1823	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1824	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1825	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.350	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1826	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.025	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1827	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.050	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.050	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1831	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC1	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC1	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1832	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1833	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.700	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1834	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.700	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.350	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.700	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
1835	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1836	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1840	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1841	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1842	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.300	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.300	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.300	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1843	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.08	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.350	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.08	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.350	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.175	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.175	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1844	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.650	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.325	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.650	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.325	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.650	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.650	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1845	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1846	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1847	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.300	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1848	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1849	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.650	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1850	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1851	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1852	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.125	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
1853	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1854	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1855	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.175	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1856	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1857	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1858	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC1	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.250	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1859	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.250	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1860	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	1.080	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1.080	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.080	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.360	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.080	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1861	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.360	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1.080	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.360	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.080	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1862	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.350	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.175	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1863	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.175	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1864	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC1	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1865	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1873	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1874	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1875	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1876	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1877	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1878	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1882	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1883	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1888	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC1	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1889	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1890	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.325	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.325	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1891	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
1892	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1893	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1894	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.175	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1895	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1896	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1897	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
1898	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1899	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1900	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1901	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.175	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1902	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC1	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1903	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1904	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.250	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1905	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1906	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.18	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.125	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.18	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC1	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.125	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1907	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.19	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.19	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.125	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1908	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.27	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.075	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.27	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.07	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.26	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1909	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.28	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.28	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.08	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.28	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1910	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.33	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.350	RC1	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.33	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.12	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.34	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.11	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1911	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.35	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.175	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.35	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.12	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.35	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.12	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.42	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1912	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC1	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.22	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1913	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.23	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1917	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.34	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.34	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.12	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.33	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.11	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1918	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.100	RC9	0.35	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.35	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.12	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC9	0.31	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.12	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1919	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.700	RC9	0.22	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.350	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC9	0.22	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.700	RC1	0.06	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.700	RC9	0.22	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1920	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.700	RC9	0.23	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.350	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC9	0.23	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.700	RC1	0.05	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.700	RC9	0.23	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.42	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1921	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1922	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1926	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1927	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1928	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC9	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.300	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1929	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1930	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.650	RC1	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.325	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1931	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1932	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC1	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1933	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1934	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1935	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.325	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.650	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.325	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
1936	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1937	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1938	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.125	RC1	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1939	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1940	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.19	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.350	RC1	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.19	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.20	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1941	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.21	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.175	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.21	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.21	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.42	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1942	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC1	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1943	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.20	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1944	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC1	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1945	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.125	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1946	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	2.070	RC1	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.828	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	2.070	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2.070	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1947	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.828	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.070	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.070	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.414	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.070	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.414	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.070	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	2.070	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2.070	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1948	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.350	RC1	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1949	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.350	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.175	RC1	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.175	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.175	RC1	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.175	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1950	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1951	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1955	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC1	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
1956	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1957	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC1	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.700	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.700	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1958	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.700	RC1	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.350	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC1	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.700	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.700	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1959	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1960	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1964	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.100	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1965	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1966	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC1	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.300	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC1	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.300	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.300	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1967	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.175	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1968	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.650	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.650	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.650	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.650	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.650	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.650	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
1969	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1970	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1971	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC1	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC1	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.300	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.300	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1972	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.08	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.175	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1973	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.325	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.325	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.325	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.650	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.650	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.325	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1974	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1975	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1976	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.08	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.08	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.125	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1977	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1978	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC1	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.175	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.350	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.175	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.175	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.350	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.350	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1979	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.350	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.175	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.350	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.350	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1980	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1981	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1990	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.28	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.28	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.29	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.44	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1991	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.27	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.27	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.31	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.48	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1992	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.35	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.175	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.35	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.36	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
1993	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.37	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.44	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1994	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
1995	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2003	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.36	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.36	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.36	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.44	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2004	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.34	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.34	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.38	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.48	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2005	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC9	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.700	RC1	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2006	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.700	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.44	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2007	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2008	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2012	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2013	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2018	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2019	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2020	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.325	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.650	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2021	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2022	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2023	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2024	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2025	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.325	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.650	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2026	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2027	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2028	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2029	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2030	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.21	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.175	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.21	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.175	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.22	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2031	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.23	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.175	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.44	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2032	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.025	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
2033	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2034	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.18	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.18	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.125	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2035	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.18	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.125	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.18	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.20	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.125	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2036	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.155	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.155	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.155	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.155	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.078	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.155	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2037	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.155	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.155	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.078	RC1	0.17	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2038	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.075	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.075	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.075	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2039	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2040	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.300	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2041	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.25	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2042	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2043	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
2047	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2048	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2049	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.400	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.200	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.400	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.200	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.400	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.200	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.400	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2050	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.400	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.400	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.400	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2051	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
2052	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2056	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2057	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2058	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.200	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.200	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.200	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2059	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2060	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2061	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
2062	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.150	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
2063	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.07	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC1	0.01	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.100	RC1	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC1	0.02	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.200	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.200	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.9.1
	0.200	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.200	RC1	0.01	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.200	RC1	0.16	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC1	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2064	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.175	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.175	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.175	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.350	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.175	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2065	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2066	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
2067	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
2068	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.250	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.125	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
2069	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.125	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.125	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.125	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC1	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
2070	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.175	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.350	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.175	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.350	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2071	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.350	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.00	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2072	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2073	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.050	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2082	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.29	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.10	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2083	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.11	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2084	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.27	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2085	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC1	0.25	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2086	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.150	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2087	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.20	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2088	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.14	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.14	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.175	RC1	0.14	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2089	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.350	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.175	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.175	RC1	0.14	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2090	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.350	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2091	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.350	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.25	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2092	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.12	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 o

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.050	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.050	RC1	0.09	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2093	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2094	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2095	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.025	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.25	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2106	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.25	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2107	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.24	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2108	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.700	RC9	0.12	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.350	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.700	RC9	0.12	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.700	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.700	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.700	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.700	RC1	0.09	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2109	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.700	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2110	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.08	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2111	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
2112	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2113	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.23	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2114	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.700	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.350	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.700	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2115	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.350	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.700	RC9	0.24	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2116	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2117	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2124	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.100	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.100	RC1	0.09	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2125	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2126	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.100	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.100	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2127	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.100	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.100	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2132	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC9	0.09	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC9	0.09	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.300	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.300	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2133	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2134	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.325	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.650	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.650	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.325	RC1	0.14	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC1	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2135	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.24	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2136	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.26	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2137	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.300	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2138	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2139	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.325	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.650	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.650	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.325	RC1	0.14	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC1	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2140	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2141	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2142	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2143	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2144	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.325	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.650	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC1	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2145	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2146	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2147	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2148	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.23	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2149	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.325	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.650	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.325	RC1	0.14	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC1	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2150	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.20	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2151	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.28	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2152	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.31	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.11	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2153	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.28	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.09	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2154	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.33	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.13	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2155	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.33	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.11	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2156	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.08	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.350	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.12	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2157	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.350	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.12	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2158	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.350	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.175	RC1	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2159	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.350	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2160	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.09	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2161	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.050	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2162	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2163	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.20	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2164	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.250	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.28	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2165	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.250	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.29	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.09	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2166	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
2167	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
2168	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
2169	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
2170	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.350	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.350	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
2171	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2172	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2173	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.9.1
	0.050	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2177	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
2178	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
2179	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.700	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.350	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.700	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.700	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
2180	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.700	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.350	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
2181	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
2182	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2186	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2187	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2188	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.150	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.300	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.300	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.300	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
2189	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.175	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.350	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.350	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2190	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.325	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.325	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.650	RC1	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.650	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.650	RC1	0.15	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
2191	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC1	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.20	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
2192	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC1	0.23	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.23	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.075	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.23	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
2193	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.300	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2194	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.350	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.350	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2195	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.650	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.650	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.650	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.650	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.325	RC1	0.13	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
2196	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
2197	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.150	RC9	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
2198	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.250	RC1	0.29	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.125	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC1	0.29	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC1	0.08	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.24	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
2199	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.125	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.250	RC9	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.26	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
2200	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.175	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
2201	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.175	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.175	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2202	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2203	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2212	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.25	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2213	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.25	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2214	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.350	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.20	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.18	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2215	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.350	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.175	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.13	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2216	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.025	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.025	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2217	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2225	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.20	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.23	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2226	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2227	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.350	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.700	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2228	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.350	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.350	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2229	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2230	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2234	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2235	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.100	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.100	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2240	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2241	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
2242	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.325	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.650	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.12	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC1	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2243	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2244	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.30	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.09	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2245	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC1	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2246	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.20	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2247	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.325	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.325	RC1	0.15	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC1	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2248	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2249	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.09	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2250	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.34	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.14	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2251	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.32	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.11	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2252	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.350	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.14	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2253	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.350	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.13	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2254	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2255	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2256	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.250	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.29	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2257	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.28	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.09	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2258	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.24	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2259	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.24	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2260	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.175	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.175	RC1	0.16	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2261	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.175	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.18	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2262	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 a

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2263	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.025	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2271	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.21	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2272	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.21	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2273	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.700	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2274	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.350	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2275	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2276	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2280	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2281	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2286	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.300	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2287	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.08	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.175	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2288	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.650	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.325	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.650	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.650	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.650	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.650	RC1	0.19	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC1	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2289	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC1	0.24	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC1	0.24	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC1	0.06	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.24	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2290	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.08	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2291	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.300	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.300	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2292	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2293	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.650	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.325	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.650	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.650	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.12	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC1	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2294	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.26	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2295	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.28	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2296	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC1	0.12	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.13	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2297	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC1	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.29	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.11	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
2298	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.175	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.14	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2299	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.14	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2300	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2301	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2302	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.125	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.27	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
2303	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.25	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2304	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2305	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2306	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2307	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.350	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2308	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.025	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2309	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.025	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2313	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2314	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2315	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.700	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2316	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.700	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.700	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
2317	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2318	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2322	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2323	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2324	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.300	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2325	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.175	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2326	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.650	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.650	RC1	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
2327	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2328	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2329	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2330	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2331	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.650	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2332	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2333	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.150	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2334	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2335	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC1	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.12	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2336	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2337	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.350	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.175	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2338	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2339	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2340	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.250	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.12	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2341	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2350	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.125	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.250	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.125	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
2351	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.125	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
2352	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
2353	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.150	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.8
	0.150	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
2354	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.350	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.350	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.350	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
2355	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.350	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2356	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.12	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC1	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.025	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2357	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.11	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC1	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.11	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2361	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.100	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
2362	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
2363	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.700	RC1	0.09	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC1	0.09	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.700	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.700	RC1	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.700	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
2364	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.700	RC1	0.08	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC1	0.08	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.700	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.700	RC1	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2365	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.08	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC1	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2366	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.07	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC1	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
2370	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC1	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2371	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC1	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2372	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC9	0.13	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC9	0.13	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.300	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.300	RC1	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2373	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2374	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.325	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.650	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.650	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2375	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2376	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.075	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.075	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2377	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC9	0.11	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC9	0.11	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.300	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.300	RC1	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2378	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2379	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.325	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.650	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.325	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2380	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2381	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.150	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2382	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2383	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.250	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2384	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.175	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.350	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.175	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.350	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.350	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
2385	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.175	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.350	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2386	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.10	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC1	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.9.1
	0.000	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2387	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.09	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC1	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2396	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.23	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2397	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.21	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2398	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.27	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2399	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.27	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2400	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
2401	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2409	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.27	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2410	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.27	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2411	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2412	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2413	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2414	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
2418	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.100	RC1	0.08	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.100	RC1	0.13	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2419	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2424	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2425	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2426	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.325	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.650	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.325	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2427	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2428	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2429	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC1	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2430	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2431	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.325	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.650	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.325	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2432	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2433	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2434	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2435	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2436	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2437	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2438	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2439	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2440	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.125	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2441	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.125	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2442	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.155	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.23	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.155	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.23	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.155	RC1	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.155	RC1	0.16	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2443	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.155	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.155	RC1	0.18	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.155	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.155	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.155	RC1	0.18	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.07	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.155	RC1	0.18	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2444	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2445	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2446	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.300	RC1	0.21	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.300	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.300	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.300	RC1	0.21	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.300	RC1	0.05	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
2447	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.17	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.150	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.17	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.05	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
2448	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2449	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2453	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2454	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2455	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.400	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.400	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.200	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.200	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.400	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.400	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.400	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
2456	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.400	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.400	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.400	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.400	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.400	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.400	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.400	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
2457	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2458	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2462	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2463	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.000	RC1	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2464	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.200	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2465	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.175	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.175	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.175	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2466	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2467	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2468	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 o

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
2469	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.200	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.200	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2470	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.175	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.175	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2471	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.26	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2472	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2473	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
2474	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.125	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.125	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.13	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
2475	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.250	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.15	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
2476	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.350	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.175	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.175	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.350	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.175	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
2477	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.350	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.175	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.175	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.175	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.8
	0.350	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.175	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
2478	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2479	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.025	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2488	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2489	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.075	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2490	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.175	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2491	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2492	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2493	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.025	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2497	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2498	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.100	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2499	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.700	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.350	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.350	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.700	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2500	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2501	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2502	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2506	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2507	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2508	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.300	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2509	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.175	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2510	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.650	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2511	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2512	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2513	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2514	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2515	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.650	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.650	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2516	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2517	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2518	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2519	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.12	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2520	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.175	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2521	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2522	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.025	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2523	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2524	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.250	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2525	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.125	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.125	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.125	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2526	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2527	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
2528	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2529	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.175	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2530	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2531	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2535	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2536	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2537	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2538	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2539	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2540	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2544	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2545	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.100	RC9	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.100	RC9	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2546	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2547	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.175	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2548	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.650	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2549	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2550	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.075	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.150	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.075	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2551	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2552	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.350	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2553	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.650	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.650	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2554	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2555	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2556	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2557	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2558	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2559	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2560	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2561	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2562	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.250	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2563	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.250	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2564	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2565	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2566	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2567	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2568	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.038	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2569	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2570	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.23	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2571	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.103	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.205	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.103	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2572	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.23	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2573	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.103	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.205	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.205	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2574	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2575	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2576	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2577	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.9.1
	0.050	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2588	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.23	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2589	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2590	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.400	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.400	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2591	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.047	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.095	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2592	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2593	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2594	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.23	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
2595	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2596	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC9	0.11	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.400	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.400	RC9	0.11	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.400	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2597	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.047	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.095	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.095	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2598	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2599	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2606	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.100	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.100	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
2607	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.040	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2608	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2609	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.020	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.020	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.040	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2614	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.200	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2615	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.14	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.14	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.175	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2616	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2617	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
2618	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2619	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.200	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2620	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.080	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.080	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2621	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.650	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.650	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.650	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2622	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2623	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2624	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2625	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.115	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.115	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2626	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2627	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2628	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2629	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.300	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2630	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.080	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.080	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2631	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.430	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.430	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.430	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2632	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2633	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2634	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2635	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2636	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2637	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.9.1
	0.250	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2638	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2639	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.143	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.143	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.286	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.286	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2640	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.040	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.080	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2641	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.040	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.080	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2642	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2643	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2644	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2645	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2646	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.125	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2647	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2648	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2649	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2650	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.038	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.038	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2651	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2652	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.12	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.150	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2653	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.103	RC9	0.12	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.103	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.103	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.103	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.103	RC9	0.12	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.205	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.205	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2654	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2655	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2659	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2660	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2661	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.400	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2662	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.095	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.047	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2663	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2664	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2668	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2669	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.040	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.040	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.040	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.040	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.040	RC9	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.040	RC9	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2670	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.200	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.200	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.200	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.200	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.200	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.200	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2671	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.350	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2672	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2673	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
2674	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.075	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
2675	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.200	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.200	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.200	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.300	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.200	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.200	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.200	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.200	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2676	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.080	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.080	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.160	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.160	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2677	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2678	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2679	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2680	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.250	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
2681	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.250	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
2682	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2683	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.286	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.143	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.286	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.286	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2684	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2685	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.025	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2694	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.038	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2695	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2696	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.23	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2697	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.103	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.103	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.103	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.205	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2698	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.20	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2699	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2707	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.23	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2708	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2709	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.400	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.400	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2710	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.047	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.095	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.095	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.047	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2711	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2712	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2716	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2717	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.020	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.040	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.040	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2722	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.200	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2723	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.115	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.115	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.230	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.230	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2724	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2725	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2726	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
2727	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.200	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2728	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.080	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.080	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2729	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.430	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.430	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2730	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2731	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2732	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2733	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2734	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.040	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.080	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.040	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2735	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.040	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.080	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.080	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2736	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2737	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2738	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
2739	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.250	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2740	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.038	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2741	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2742	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2743	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.205	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.103	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.103	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.103	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2744	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2745	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2753	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2754	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2755	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.400	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.200	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.400	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.400	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2756	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.095	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.047	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.095	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2757	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2758	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2762	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2763	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.040	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2768	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.200	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.200	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.200	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.300	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.300	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2769	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.07	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.115	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.230	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.115	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.230	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2770	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.100	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2771	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.07	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
2772	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.075	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
2773	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.200	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.200	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.300	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.300	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2774	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.080	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.080	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.080	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.160	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2775	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.430	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.430	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.430	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.430	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.430	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2776	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2777	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2778	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
2779	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2780	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.080	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.040	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.080	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2781	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.080	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.040	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.080	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.040	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2782	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2783	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2784	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2785	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2786	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.075	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.075	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
2787	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2788	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.150	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2789	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.205	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.103	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.103	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.103	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.205	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2790	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2791	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2795	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2796	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2797	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.400	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.200	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.400	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.400	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2798	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.095	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.095	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.095	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.047	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.095	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2799	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 o

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2800	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2804	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2805	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.040	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.020	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2806	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.200	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.200	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.300	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2807	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.10	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2808	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2809	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
2810	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.075	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
2811	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.200	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.200	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.300	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2812	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.160	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.11	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.160	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.160	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.11	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.080	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.080	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2813	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.650	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.650	RC9	0.10	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.650	RC9	0.10	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.650	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2814	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2815	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2816	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
2817	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2818	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.350	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.8
	0.350	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.175	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2819	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.286	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.143	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.143	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.286	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.286	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2820	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2821	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2822	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2823	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2832	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2833	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2834	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.038	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.038	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2835	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2836	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC9	0.15	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.350	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC9	0.15	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.8
	0.000	RC9	0.06	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.25	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2837	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.103	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.103	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.20	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.205	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2838	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.23	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2839	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.21	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2843	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.12	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.25	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2844	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2845	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.400	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC9	0.13	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.200	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.400	RC9	0.13	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.200	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.400	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.400	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2846	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.047	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.095	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2847	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2848	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2852	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2853	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.040	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2854	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.300	RC9	0.19	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC9	0.19	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.300	RC9	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.300	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2855	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.19	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.115	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.19	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.115	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2856	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2857	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2858	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2859	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.200	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
2860	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.080	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.080	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.080	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2861	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.430	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2862	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2863	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2864	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2865	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2866	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.080	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.13	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.040	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.080	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2867	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.040	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.080	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.040	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2868	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2869	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2878	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.075	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2879	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.075	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2880	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2881	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.103	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.103	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2882	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.22	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2883	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.025	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2891	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.21	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.21	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.22	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2892	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2893	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.400	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2894	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.047	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.095	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.095	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.095	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2895	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2896	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2900	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2901	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.040	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2906	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC9	0.21	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2907	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.115	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.21	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2908	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2909	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.20	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2910	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2911	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.200	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2912	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.080	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.160	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.080	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2913	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.430	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.430	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2914	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2915	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2916	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2917	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2918	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.040	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.080	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2919	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.040	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.080	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.040	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2920	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2921	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2922	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.07	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2923	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.250	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2924	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.300	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.300	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.12	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.56	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2925	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.50	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2926	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.038	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.075	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.075	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2927	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.150	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2928	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.11	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.300	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC9	0.11	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.22	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2929	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.205	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.103	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.103	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.205	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2930	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2931	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2935	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2936	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2937	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC9	0.12	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.200	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.400	RC9	0.12	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.400	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.400	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2938	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.095	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2939	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2940	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2944	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.100	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.100	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2945	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2946	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2947	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.07	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.350	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC9	0.07	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.600	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2948	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2949	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2950	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2951	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.200	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.300	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.300	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2952	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.080	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.080	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.160	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2953	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.650	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.800	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.800	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2954	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2955	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2956	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.250	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2957	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2958	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.11	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.11	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2959	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.143	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.143	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.143	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2960	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2961	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2970	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.038	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.038	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2971	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2972	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2973	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.205	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.205	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.205	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.103	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.205	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2974	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2975	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2979	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.100	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2980	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2981	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.400	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.200	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.400	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.200	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.400	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2982	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.095	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.047	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.095	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.047	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2983	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2984	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
2988	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2989	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.040	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.020	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2990	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.200	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.300	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2991	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.600	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.10	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.350	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.350	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2992	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2993	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2994	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2995	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC9	0.09	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.300	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC9	0.09	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.300	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.300	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2996	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.11	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.080	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.080	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.11	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.080	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.160	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2997	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.800	RC9	0.12	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.650	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.800	RC9	0.12	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.800	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.800	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.800	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2998	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
2999	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3000	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3001	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3002	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3003	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.286	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.143	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.143	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.286	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3004	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3005	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3006	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3007	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3008	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.038	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.075	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3009	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3010	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.350	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3011	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.205	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.205	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.103	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.103	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.103	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3012	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3013	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3016	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.100	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3017	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3018	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3019	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.400	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.200	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.400	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.400	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3020	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.095	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.047	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.095	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.047	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.095	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3021	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3022	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3024	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3026	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3027	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.040	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.040	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3028	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.200	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.200	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.200	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.300	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3029	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.230	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.115	RC9	0.07	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.115	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.115	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.115	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.115	RC9	0.07	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.230	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3030	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3031	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
3032	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
3033	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.200	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.200	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.300	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3034	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.160	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.080	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.080	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.080	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.160	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3035	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.430	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.430	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.430	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.430	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.430	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.430	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.430	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3036	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3037	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3038	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.125	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
3039	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3040	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.080	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.040	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.080	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3041	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.080	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.080	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.040	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.080	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.040	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.080	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.080	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3042	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3043	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3044	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 o

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3045	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.125	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3046	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.155	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.078	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3047	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.155	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.155	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.078	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3048	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.038	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.44	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3049	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.48	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3050	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.300	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.26	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3051	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.205	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.205	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.205	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.103	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.205	RC9	0.26	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.205	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.11	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.45	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3052	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3053	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.025	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3056	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.16	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.19	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.175	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.175	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.350	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.57	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3057	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.28	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.44	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3058	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.11	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.48	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3059	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.400	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.400	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.44	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3060	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.095	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.095	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.095	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.48	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3061	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3062	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3064	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3066	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3067	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.040	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.020	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.040	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3068	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.200	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3069	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.600	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.350	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.600	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.600	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3070	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3071	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3072	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
3073	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.200	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3074	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.160	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.080	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.160	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.160	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.080	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.080	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.080	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.160	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.160	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3075	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3076	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3077	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3078	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.250	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
3079	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3080	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.44	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3081	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.286	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.143	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.143	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.286	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.48	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3082	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.025	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.025	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3083	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3092	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.170	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.170	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.170	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.170	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.170	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3093	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.170	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.170	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.085	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.170	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.170	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.170	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.170	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.170	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3094	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.120	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.060	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.060	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.060	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3095	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.250	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.125	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3096	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.220	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.220	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.110	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.110	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.110	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.220	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.220	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.220	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.220	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3097	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.150	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3098	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.120	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.060	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.060	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3099	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.250	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3100	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.220	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.220	RC9	0.07	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.110	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.110	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.110	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.220	RC9	0.07	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.110	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.6, 6.2.7 and 6.2.9
	0.220	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.220	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3101	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.07	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.075	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3102	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.270	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.270	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.135	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.270	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.270	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.135	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3103	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.206	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.103	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.206	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.103	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.206	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.103	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.206	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.206	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3108	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.170	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.15	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.085	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.15	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.170	RC9	0.05	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.170	RC9	0.23	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.9.1
	0.170	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3109	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.085	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.170	RC9	0.21	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.085	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.170	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3110	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.060	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3111	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3112	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.110	RC9	0.08	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.110	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.220	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.110	RC9	0.08	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.220	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.220	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.110	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.220	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3113	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.075	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3114	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.060	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.120	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.060	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3115	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3116	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.110	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.110	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.220	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.220	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.220	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3117	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3118	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.270	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.10	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.135	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.135	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.135	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3119	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.103	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.103	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.103	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3124	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
3125	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.20	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3126	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3127	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3128	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.270	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.135	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3129	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.103	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.103	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.103	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3130	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.170	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.170	RC9	0.22	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.170	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3131	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.085	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.170	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.170	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3148	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.060	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
3149	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3150	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.110	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.220	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.220	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.220	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3151	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3152	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.060	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.120	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.060	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.060	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.120	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3153	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3154	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.110	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.110	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.110	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.220	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.220	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3155	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3156	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.085	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.170	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.170	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.170	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3157	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.085	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.085	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.170	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3158	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.135	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.270	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3159	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.206	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.206	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.206	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3160	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.085	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.170	RC9	0.20	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.170	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3161	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.085	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.170	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.170	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3162	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.060	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.120	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.060	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.120	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3163	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3164	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.110	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.220	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.220	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.220	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3165	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3166	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.060	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.120	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.060	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3167	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3168	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.110	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.110	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.110	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.220	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.220	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3169	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3170	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.135	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.270	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3171	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.103	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.103	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.206	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3172	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.170	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.085	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.085	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.170	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.170	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3173	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.170	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.085	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.170	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.170	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3174	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3175	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3176	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3177	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.075	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3178	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.270	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.135	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.270	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.270	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3179	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.206	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.103	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.206	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.103	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.206	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3180	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.060	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.120	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3181	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.220	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.110	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.110	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.220	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.110	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.8
	0.220	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.220	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.220	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3182	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.060	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.120	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.060	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.120	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3183	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.220	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.110	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.220	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.220	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.110	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.220	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3184	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.060	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3185	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.110	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.220	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.220	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3186	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.060	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.120	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.060	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3187	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.110	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.110	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.110	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.220	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3188	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3189	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3190	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3191	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3192	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3193	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.150	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3194	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.107	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.107	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.107	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3195	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.300	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.23	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3196	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.107	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.107	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.107	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.214	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3197	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.24	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3198	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3199	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3200	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3201	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3208	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.350	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3211	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3212	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3213	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.24	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3214	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.400	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3215	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.188	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.376	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3216	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3217	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3218	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3219	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.24	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3220	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.400	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.400	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.530	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.530	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3221	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.376	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3222	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3223	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3225	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.550	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.275	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.275	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.275	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3228	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.08	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.01	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.075	RC9	0.02	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.150	RC9	0.02	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.08	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.81	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3230	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.068	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3231	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3232	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.068	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3233	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3238	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.300	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3239	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.066	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.066	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.066	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3240	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.650	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.650	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3241	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3242	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3243	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.200	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3244	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.175	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3245	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.049	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.025	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.025	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.049	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.049	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.049	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3246	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3247	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3248	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.300	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3249	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.066	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.132	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3250	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.430	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.430	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
3251	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3252	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3253	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.200	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3254	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.230	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.230	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.115	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.230	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3255	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.049	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.049	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.049	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3256	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3257	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3258	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3259	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3260	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.250	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3261	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3262	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.135	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.135	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.271	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.135	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.271	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3263	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.175	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.175	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3264	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.040	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.080	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.080	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.080	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.080	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3265	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.080	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3266	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3267	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3268	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3269	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3270	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3271	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3272	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3273	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3274	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3275	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3276	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.214	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.107	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.107	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.107	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.107	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.214	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.214	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3277	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3278	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3279	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.025	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3282	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.275	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.550	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
3283	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3284	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.20	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3285	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.400	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.400	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.400	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3286	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.376	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.188	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.188	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.188	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.376	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3287	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3288	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3290	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.250	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3292	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.068	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.068	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.068	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.034	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.068	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3293	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3294	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.200	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.300	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.200	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.200	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.200	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.200	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3295	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.132	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.066	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.066	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.066	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.132	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.132	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3296	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3297	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
3298	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
3299	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.200	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3300	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.175	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3301	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.049	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.049	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.049	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.049	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.049	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.049	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3302	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
3303	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.075	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
3304	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC1	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC1	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
3305	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.250	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.125	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
3306	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.271	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.135	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.135	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.271	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.271	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3307	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.175	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.350	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.175	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3308	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
3309	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3318	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3319	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3320	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.107	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.107	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.214	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3321	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.25	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3322	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
3323	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.16	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.16	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3330	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
3331	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3332	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.21	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3333	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.530	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.400	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3334	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.188	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.376	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3335	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3336	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.10	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3340	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.034	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.034	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3341	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3346	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.200	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3347	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.066	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.066	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3348	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.430	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.430	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3349	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3350	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3351	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.200	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.200	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3352	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.230	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.230	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.115	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.230	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.230	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.115	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3353	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.049	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.049	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.025	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.049	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.049	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.049	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3354	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3355	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3356	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3357	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3358	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.040	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.080	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.040	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.040	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3359	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.040	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.080	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3360	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3361	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.13	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3362	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.250	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3363	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3364	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.075	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3365	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3366	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.214	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.107	RC9	0.09	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.107	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.107	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.107	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.107	RC9	0.09	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.107	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3367	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.20	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.300	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.300	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.20	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.20	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3368	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
3369	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.025	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3377	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3378	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3379	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.400	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3380	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.376	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.188	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.376	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3381	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3382	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3386	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.068	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3387	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3392	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.200	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.300	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.200	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.300	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3393	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.066	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.066	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.132	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3394	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.430	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.430	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.430	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3395	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3396	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3397	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.200	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3398	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.230	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.230	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.230	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3399	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.049	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.049	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.049	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.049	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3400	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3401	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.075	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.150	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.075	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3402	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3403	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3404	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.080	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.09	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.040	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.080	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.040	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.040	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
3405	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.080	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.040	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3406	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3407	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3408	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3409	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.07	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.125	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.125	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3410	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3411	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.075	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3412	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.214	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.107	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.107	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3413	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3414	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3415	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3419	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3420	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3421	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.400	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.200	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.400	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.400	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.400	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3422	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.376	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.376	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.188	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.376	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.376	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.188	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.376	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3423	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3424	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3428	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.068	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.034	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3429	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3430	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.200	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.200	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.300	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.300	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3431	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.132	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.066	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.066	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.066	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3432	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.650	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.650	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.650	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3433	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3434	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3435	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.200	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.200	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3436	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.175	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3437	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.049	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.049	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.025	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.049	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.049	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3438	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3439	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.10	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3440	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3441	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
3442	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.271	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.271	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.135	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.135	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.271	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3443	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.175	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.175	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3444	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3445	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3446	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3447	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.8
	0.250	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3456	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3457	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3458	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3459	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.150	RC9	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.150	RC9	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3460	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.107	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.107	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.107	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.214	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3461	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.24	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.150	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.24	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.06	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.24	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3462	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3463	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.14	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.14	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3467	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3468	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.05	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.24	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3469	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.530	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3470	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.376	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.188	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.376	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.376	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.376	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.188	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.376	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3471	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3472	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.09	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3476	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.034	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force a

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3477	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3478	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.200	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3479	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.066	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.066	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.132	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.066	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3480	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.430	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3481	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3482	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3483	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.200	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3484	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.230	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.115	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3485	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.049	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.049	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.049	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.049	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3486	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3487	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3488	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3489	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3490	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.040	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.080	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.040	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3491	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.080	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3492	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3493	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.12	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3502	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.075	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3503	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3504	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.107	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.107	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3505	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.300	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.22	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3506	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3507	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3515	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3516	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.100	RC9	0.22	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3517	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.530	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.530	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3518	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.376	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3519	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3520	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3524	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.068	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.068	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3525	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3530	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.300	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3531	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.066	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.066	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.066	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3532	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.430	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.430	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.430	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.430	RC1	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3533	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3534	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3535	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.200	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3536	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.230	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.230	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.115	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.230	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3537	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.049	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.049	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.049	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.049	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.049	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3538	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3539	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3540	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.250	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3541	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3542	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.040	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.080	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.040	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3543	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.040	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.080	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3544	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3545	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3546	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.250	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3547	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3548	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.57	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3550	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
3551	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3552	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.107	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.107	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.107	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.214	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3553	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3554	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.21	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3555	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.23	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3559	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3560	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.20	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3561	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.400	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3562	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.188	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.188	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.376	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3563	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3564	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3568	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3569	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3570	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.200	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3571	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.066	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.132	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.132	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3572	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.650	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.800	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.650	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.800	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3573	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3574	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3575	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.200	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3576	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.350	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.350	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.600	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3577	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.025	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.049	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.049	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.049	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3578	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3579	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3580	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3581	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3582	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.135	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.135	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.135	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.271	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.135	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3583	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.175	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.350	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3584	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3585	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3594	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.150	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3595	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3596	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.214	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.107	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.107	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.107	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3597	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.14	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.150	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.14	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3598	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3599	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.11	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.11	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3603	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3604	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.20	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3605	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.400	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.400	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.700	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.400	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3606	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.376	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.188	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.376	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.376	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3607	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3608	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.08	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.100	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.100	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3612	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.068	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3613	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3614	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.300	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.300	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
3615	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.066	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.132	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.132	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3616	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.650	RC9	0.08	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.650	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.650	RC9	0.08	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.800	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.650	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.800	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3617	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3618	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3619	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.200	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.6, 6.2.7 and 6.2.9
	0.200	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3620	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.600	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.600	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.600	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3621	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.049	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.049	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.049	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.049	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.049	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.049	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3622	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3623	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3624	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3625	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3626	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.271	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.271	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.135	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.271	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.271	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3627	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.350	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.175	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3628	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3629	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.09	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3630	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3631	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3632	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3633	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3634	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.214	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.107	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.107	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.107	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.214	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3635	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3636	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3637	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3641	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3642	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3643	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.530	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.530	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.400	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.530	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3644	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.188	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.376	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.376	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.376	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3645	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3646	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3648	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.11	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.15	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC1	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.25	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.025	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.71	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3650	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.068	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.068	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3651	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3652	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.200	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.300	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.300	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3653	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.066	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.066	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.132	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3654	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.430	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.430	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.430	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.430	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.430	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
3655	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3656	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3657	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.200	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.200	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.200	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3658	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.230	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.230	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.230	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.230	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3659	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.049	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.049	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.025	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.049	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.049	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.049	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3660	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3661	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3662	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3663	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC1	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC1	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3664	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.080	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.040	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.080	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.080	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.040	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.040	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.080	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3665	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.080	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.080	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.080	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3666	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3667	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.025	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3668	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3669	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3670	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.155	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.09	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3671	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.400	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.400	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.400	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.400	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.44	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3672	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.09	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.61	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3673	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.24	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.11	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.62	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3674	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.214	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.107	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.107	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.107	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.107	RC9	0.35	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.15	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.56	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3675	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.21	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.21	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.56	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3676	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.51	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3677	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.56	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3680	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3681	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.15	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.61	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3682	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.46	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.21	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.62	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3683	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.400	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.400	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.400	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.400	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.59	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3684	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.376	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.376	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.188	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.188	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.376	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.376	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.376	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.57	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3685	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.51	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3686	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.56	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3688	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.550	RC9	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.12	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.275	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.550	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.62	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3690	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.034	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.034	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.068	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.034	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.068	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3691	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3692	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.200	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3693	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.132	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.066	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.066	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.132	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.132	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.132	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3694	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3695	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3696	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3697	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.200	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.100	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3698	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.600	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.350	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.600	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.600	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.600	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3699	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.025	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.049	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.049	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.049	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.049	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3700	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
3701	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3702	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC1	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3703	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3704	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.271	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.271	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.135	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.271	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.135	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.271	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.60	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3705	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.175	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.175	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.175	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.57	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3706	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.51	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3707	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.56	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3716	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.170	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.170	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.085	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.170	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.170	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.170	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3717	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.170	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.170	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 o

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						or 2
	0.085	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.170	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.170	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.170	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.170	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3718	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.120	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.060	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.060	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.060	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.120	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3719	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.125	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.250	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3720	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.220	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.110	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.220	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.220	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.220	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3721	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3722	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.120	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.120	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.060	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.120	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.060	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3723	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.250	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.250	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.125	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.125	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3724	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.220	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.110	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.110	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.110	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.220	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.110	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.220	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3725	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3726	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.191	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.095	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.095	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.191	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 a

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3727	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.270	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.135	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.135	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.270	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3732	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.085	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.170	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.170	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3733	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.170	RC9	0.14	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.085	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.170	RC9	0.14	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.170	RC9	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.170	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.170	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3734	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.060	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.120	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.060	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3735	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3736	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.110	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.220	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.220	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3737	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3738	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.120	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.060	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.120	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.060	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3739	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3740	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.220	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.110	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.110	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.220	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.220	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3741	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3742	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.191	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.191	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.191	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.095	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3743	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.270	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.270	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3748	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.250	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3749	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3750	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.125	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3751	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.075	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3752	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.095	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.095	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.191	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.095	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3753	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.270	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3754	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.170	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.170	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.170	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3755	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.170	RC9	0.12	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.085	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.170	RC9	0.12	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.170	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.170	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.170	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3772	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.060	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.120	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.060	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.120	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3773	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.250	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3774	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.110	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.220	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.220	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3775	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3776	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.060	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.120	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.060	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.120	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.060	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.120	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.120	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3777	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.125	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3778	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.110	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.110	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.110	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.110	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.220	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.220	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.220	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3779	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3780	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.085	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.170	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.170	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3781	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.085	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.170	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.170	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3782	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.095	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.095	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.191	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3783	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.135	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.135	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.270	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3784	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.085	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.170	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.170	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3785	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.170	RC9	0.16	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.085	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.170	RC9	0.16	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.170	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.170	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.170	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3786	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.060	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.060	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.060	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.120	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
3787	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3788	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.110	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.220	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.220	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3789	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3790	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.120	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.060	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.120	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.120	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.060	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3791	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3792	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.220	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.110	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.110	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.110	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.110	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.220	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.220	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.220	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3793	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3794	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.095	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.095	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.191	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.095	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3795	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.270	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.135	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.270	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3796	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.170	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.170	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.085	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.170	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.170	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.170	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3797	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.170	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.085	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.085	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.085	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.170	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.170	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						acc. to 6.2.9.1
	0.170	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3798	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3799	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.075	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3800	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.250	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3801	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.150	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3802	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.191	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.095	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.095	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.191	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.191	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.095	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3803	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.270	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3804	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.060	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.060	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.120	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3805	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.220	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.110	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.220	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.220	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.220	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.220	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3806	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.120	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.120	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.120	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3807	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.110	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.220	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.220	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.220	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.110	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.220	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.220	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.220	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.220	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.220	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3808	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.060	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.120	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.120	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3809	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.110	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.220	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.110	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.220	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3810	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.120	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.060	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.060	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.120	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.060	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3811	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.220	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.110	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.110	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.110	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.220	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.220	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.220	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3812	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.12	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3813	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3814	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC1	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3815	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3816	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3817	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3818	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3819	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC1	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3820	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3821	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3822	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3823	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.20	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3824	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3825	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.21	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3826	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC1	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3827	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.125	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3828	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3829	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3830	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
3831	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.125	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3832	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.250	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3833	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC1	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3834	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3835	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC1	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3836	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC9	0.06	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.09	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3837	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.06	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.250	RC9	0.06	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.12	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.44	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3838	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3839	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3840	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.22	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3841	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC1	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3844	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC1	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3845	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.125	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3846	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3847	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3848	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.250	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.250	RC9	0.05	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.09	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3849	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.06	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC9	0.06	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3850	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3851	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3852	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3853	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.22	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3855	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.06	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.52	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3856	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.250	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.250	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
3857	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
3858	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3859	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.150	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.16	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
3860	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3861	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.16	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
3862	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3863	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
3864	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.250	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.125	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.9.1
	0.250	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3865	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
3866	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.125	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.125	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3867	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3868	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.125	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.125	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3869	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3870	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.250	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
3871	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.150	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.150	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
3872	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.250	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.125	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.125	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.125	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3873	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.250	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.125	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3874	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.250	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.250	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3875	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.125	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.125	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3876	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3877	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3878	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3879	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3880	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3881	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3882	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3883	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3884	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3885	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC1	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3886	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3887	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3888	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3889	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3890	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3891	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 a

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3892	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3893	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3894	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.250	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.125	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3895	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3898	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3899	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.9.1
	0.150	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3900	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.250	RC9	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3901	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3904	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3905	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.21	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3906	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
3907	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3908	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3909	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3910	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3911	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3912	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3913	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3914	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3915	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3916	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3917	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3918	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3919	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3920	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3921	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3922	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.125	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3923	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3924	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.075	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3925	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.07	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.07	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.20	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3926	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.150	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.150	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3927	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3928	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.125	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.125	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3929	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3930	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3931	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3932	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3933	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3934	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3935	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3936	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.250	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.125	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3937	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.150	RC1	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.075	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3938	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.250	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.250	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3939	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.12	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.150	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC9	0.12	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3940	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.125	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3941	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3942	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.250	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.250	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.125	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3943	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.150	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3968	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.159	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.159	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.079	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.159	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.159	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3969	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.11	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.175	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.350	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.350	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.79	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3970	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.300	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3971	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.175	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.175	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3972	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.650	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.325	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.325	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3973	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3974	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.075	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.075	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3975	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.11	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC1	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.300	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.300	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.79	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3976	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.129	RC9	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.064	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.129	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.129	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.129	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.129	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.73	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3977	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.402	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.402	RC1	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.201	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.201	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.402	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.402	RC1	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.402	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.201	RC9	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.402	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.48	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3978	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3979	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.075	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3980	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
3981	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3982	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3983	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3984	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.125	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.250	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.125	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.47	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3985	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3986	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.208	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.208	RC1	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.208	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						acc. to 6.2.9.1
	0.208	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3987	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.230	RC9	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.115	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.230	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.115	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.230	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.230	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.230	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.230	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.230	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3991	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.159	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.159	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.079	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.079	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.159	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.159	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.159	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3993	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.300	RC1	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3994	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.175	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.175	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.175	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3995	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.650	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.325	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.325	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3996	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3997	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4003	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.24	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.56	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4004	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4005	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4006	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4009	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.208	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.208	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.208	RC1	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.208	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.208	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4010	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.230	RC9	0.16	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.19	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.230	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.230	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.230	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4011	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.022	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4014	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.159	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.159	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.079	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.079	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.159	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.159	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4016	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC1	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4017	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.175	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.175	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.9.1
	0.350	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4018	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.650	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.325	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.14	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4019	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4020	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4026	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC1	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.31	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.63	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4027	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.125	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4028	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
4029	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4032	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.208	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.208	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.208	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.208	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.208	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.208	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4033	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.230	RC9	0.16	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.19	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.230	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.115	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.115	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.230	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.230	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4037	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.159	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.159	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.159	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.079	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4039	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC1	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.300	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.300	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.300	RC1	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4040	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC1	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.175	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.175	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.175	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.175	RC1	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.175	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4041	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.650	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.650	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.650	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.650	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4042	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4043	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.075	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.075	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4049	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC9	0.37	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.14	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4050	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4051	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC9	0.12	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4052	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.150	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4055	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.208	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.208	RC1	0.08	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.208	RC1	0.08	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.208	RC1	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.208	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						acc. to 6.2.9.1
	0.208	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4056	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.230	RC9	0.13	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.15	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.230	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.115	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.230	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.230	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4072	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.159	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.159	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.079	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.159	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.159	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.159	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.159	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.159	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
4073	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.08	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.50	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4074	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.150	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
4075	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.350	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
4076	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.650	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.650	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.650	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.650	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
4077	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
4078	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.075	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
4079	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.08	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.50	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4080	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.129	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.064	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.064	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.064	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.129	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.46	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4081	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.402	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.201	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.402	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.402	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.402	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.402	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4082	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
4083	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.075	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
4084	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.125	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.250	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.250	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC9	0.13	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
4085	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.125	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
4086	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.125	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.250	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.125	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
4087	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC1	0.00	≤ 1	CS100)	Negligible internal forces

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.150	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
4088	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.250	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4089	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.150	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
4090	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.208	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.208	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.208	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.208	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.208	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
4091	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.230	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.230	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.230	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4095	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.159	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.079	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.159	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4096	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.17	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.20	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.82	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4097	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.300	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4098	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.350	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.350	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4099	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.650	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4100	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4101	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4102	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.17	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.20	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.300	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.82	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4103	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.129	RC9	0.17	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.19	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.064	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.064	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.129	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.129	RC9	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.129	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.80	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4104	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.402	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.402	RC9	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.402	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4105	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4106	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4107	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC1	0.16	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4108	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.125	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.125	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.12	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4109	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.250	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.125	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.125	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4110	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4111	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4112	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4113	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.208	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.208	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.208	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4114	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.230	RC9	0.15	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.17	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.115	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.230	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4118	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.159	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.079	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.159	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.159	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.159	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4119	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.17	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.19	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.81	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4120	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.300	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4121	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.175	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.350	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.350	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.350	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.350	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4122	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.325	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.650	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.325	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
4123	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4124	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4125	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.17	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.19	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.81	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4126	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.129	RC9	0.17	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.18	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.064	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.064	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.064	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.129	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.129	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.79	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4127	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.402	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.402	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.402	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4128	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.050	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4129	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.150	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.150	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.075	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.075	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4130	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.125	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4131	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.125	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4132	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4133	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4134	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4135	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4136	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.208	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.208	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.208	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4137	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.230	RC9	0.15	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.17	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.230	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.230	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4141	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.079	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.159	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.159	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.079	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.159	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.159	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.159	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.159	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
4142	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.175	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4143	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.300	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.300	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.300	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.300	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
4144	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.350	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.350	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.350	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.350	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
4145	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.650	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.650	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.325	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.650	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
4146	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
4147	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.150	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 o

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						or 2
	0.150	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
4148	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4149	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.129	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.064	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.064	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.064	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.129	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.064	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.129	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4150	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.402	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.402	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.402	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.402	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.402	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.402	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.402	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4151	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
4152	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.150	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
4153	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.250	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.250	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
4154	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
4155	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.125	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.250	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.250	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
4156	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.150	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.075	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
4157	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.125	RC1	0.00	≤ 1	CS100)	Negligible internal forces

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.125	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4158	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
4159	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.208	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.208	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.208	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.208	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.208	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.208	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.208	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
4160	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.230	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.230	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.230	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4303	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.10	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.12	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.63	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4309	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.49	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4313	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.400	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.56	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4319	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.50	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4380	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.57	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4472	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.390	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.195	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.195	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.195	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.195	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.195	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.390	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.195	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.390	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.72	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4473	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.050	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.11	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.02	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.025	RC9	0.07	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.025	RC9	0.07	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.050	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.025	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.025	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.050	RC9	0.09	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.050	RC9	0.47	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.70	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4474	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.150	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4475	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.150	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4476	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4477	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.150	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4478	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.150	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4479	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.150	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4480	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4481	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.10	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.22	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC1	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.22	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.075	RC9	0.57	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4482	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.150	RC9	0.08	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.09	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC9	0.09	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.150	RC9	0.19	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.10	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.10	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.075	RC9	0.55	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4483	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.100	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.150	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.15	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.100	RC9	0.06	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.100	RC9	0.02	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.100	RC9	0.06	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.100	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.12	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.100	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.100	RC9	0.02	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.100	RC9	0.33	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.100	RC9	0.65	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4484	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.08	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.100	RC9	0.02	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.100	RC9	0.03	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.100	RC9	0.03	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.100	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.01	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.100	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.100	RC9	0.01	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.100	RC9	0.19	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.48	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4485	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.08	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.100	RC9	0.05	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.150	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.100	RC9	0.05	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.100	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.100	RC9	0.01	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.100	RC9	0.18	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.100	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.100	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4486	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.100	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.100	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4487	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.100	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4488	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4489	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4490	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 o

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.025	RC9	0.03	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.025	RC9	0.08	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.025	RC9	0.08	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.050	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.06	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4491	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.050	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.025	RC9	0.08	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.025	RC9	0.08	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.03	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.12	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.12	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.050	RC9	0.03	≤ 1	CS156)	Cross-section check - Bending about z-axis, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.025	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.025	RC9	0.10	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.29	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4500	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.040	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.040	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.040	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.020	RC9	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.040	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.48	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4501	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.040	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
4502	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4503	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4504	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.040	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.020	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.020	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.020	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.040	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.020	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.040	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4505	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.040	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.07	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.020	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.020	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.040	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4506	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.400	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.400	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.200	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.200	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.46	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
4507	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.200	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.400	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4508	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.400	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.400	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4509	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.400	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.400	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.400	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.400	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4510	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.400	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.400	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4511	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.400	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4512	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.025	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4513	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4514	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.050	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.025	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.025	RC9	0.02	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.025	RC1	0.03	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.050	RC9	0.04	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC1	0.05	≤ 1	CS156)	Cross-section check - Bending about z-axis, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.025	RC1	0.00	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.03	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	0.000	RC1	0.06	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4515	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.060	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.15	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.06	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.02	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.06	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.12	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.060	RC9	0.02	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.060	RC9	0.32	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.65	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4516	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.500	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.500	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.500	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC9	0.57	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4517	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.150	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.02	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.075	RC9	0.05	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.075	RC9	0.05	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.04	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.000	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.150	RC9	0.04	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.150	RC9	0.29	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.42	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4518	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.060	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.030	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.030	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.02	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.03	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.03	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.030	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.060	RC9	0.03	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.47	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4519	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.06	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC9	0.06	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.01	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.075	RC9	0.06	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.075	RC9	0.06	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.075	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.150	RC9	0.04	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial f

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						force acc. to 6.2.10 and 6.2.9
	0.150	RC9	0.32	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.48	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4520	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.250	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.500	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.46	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4521	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.030	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.030	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.030	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.05	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.030	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.05	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.060	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.060	RC9	0.05	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.030	RC9	0.01	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.060	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.060	RC9	0.00	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.060	RC9	0.16	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4522	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4523	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.500	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.500	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.500	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.500	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4524	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4525	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4526	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.500	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.500	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4527	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4528	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.150	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4529	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.500	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.500	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.500	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4530	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4531	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4532	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.110	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.110	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.110	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4533	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.100	RC9	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.100	RC9	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
4534	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.025	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.04	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.025	RC9	0.02	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.05	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.050	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4536	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.050	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4540	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4541	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.110	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.110	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4542	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.280	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.280	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.140	RC9	0.02	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.04	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.140	RC9	0.04	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.280	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.140	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.280	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.280	RC9	0.08	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.280	RC9	0.42	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4543	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.280	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.280	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.140	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.280	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.280	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.280	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4544	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.280	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.140	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.280	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.280	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.280	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.280	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4545	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.140	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.280	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.280	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.280	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.280	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4546	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.280	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.280	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.280	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.280	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.280	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.280	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.140	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.280	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4547	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.280	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.280	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.280	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.280	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.280	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4548	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.280	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.140	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.140	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.280	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.280	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.280	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4549	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.280	RC1	0.12	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.280	RC1	0.12	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.280	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.280	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.280	RC1	0.12	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.280	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4550	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.280	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.140	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.140	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.140	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.140	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.280	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.280	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.9.1
	0.280	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.280	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4551	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.110	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.11	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.13	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.110	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.13	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.055	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.110	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.37	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.72	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4552	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.110	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.055	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.055	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.02	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.03	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.03	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.055	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.055	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4553	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.110	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.055	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.055	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.055	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.07	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.055	RC9	0.00	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.07	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC9	0.11	≤ 1	CS146)	Cross-section check - Bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.055	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.055	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.08	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.110	RC9	0.02	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.110	RC9	0.21	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4554	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.13	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4555	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4556	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.110	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4557	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.110	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.055	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4558	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.110	RC1	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.055	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.055	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.110	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.110	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4567	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.110	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.055	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.110	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.110	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4568	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.125	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC9	0.09	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC9	0.10	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.125	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.125	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.33	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.19	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.53	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4569	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC1	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC1	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.14	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.09	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4570	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.125	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4571	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.125	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4572	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4573	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4574	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4575	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4576	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.125	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4577	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.120	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.060	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.120	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.120	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4578	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.390	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.390	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.195	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.390	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4579	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.110	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.110	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.110	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.110	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4580	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.6, 6.2.7 and 6.2.9
	0.050	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4581	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.120	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.12	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.060	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.060	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4582	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.390	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.09	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.195	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.390	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4583	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.110	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.055	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4584	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
4585	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.120	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.060	RC9	0.11	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.060	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.060	RC9	0.11	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4586	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.195	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.390	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.09	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.195	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.390	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.390	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4587	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.110	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.10	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.110	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4588	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.130	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.130	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.130	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.130	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.130	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4589	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.120	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.060	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.120	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4590	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.390	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.195	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.390	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4591	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.110	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.110	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4592	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.130	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.130	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.065	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.130	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4593	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.060	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4594	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.195	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.195	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.195	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.195	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.9.1
	0.390	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4595	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.055	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4596	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.025	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4597	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.060	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4598	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.195	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.390	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4599	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.110	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4600	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4601	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.390	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.390	RC1	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.195	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.195	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4602	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC1	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.025	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4603	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.195	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.195	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
4604	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.025	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
4609	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.060	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.030	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.030	RC9	0.06	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.030	RC9	0.06	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.01	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.030	RC9	0.06	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.030	RC9	0.06	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.030	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.25	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.48	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4610	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.060	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4611	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.060	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.030	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.030	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.02	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.030	RC9	0.05	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.030	RC9	0.05	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.060	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.030	RC9	0.12	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	0.030	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.42	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4612	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.440	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.220	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.440	RC9	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.220	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.220	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.440	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.65	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4613	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.040	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.040	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.040	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.040	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.040	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.020	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.040	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.47	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4614	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.040	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4617	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.060	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.030	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4618	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.060	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.030	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4619	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.025	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.025	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4625	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.390	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.390	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.390	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.195	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.390	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4626	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.195	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.390	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.390	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.390	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4639	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.080	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.080	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.080	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.080	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.28	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.08	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.040	RC9	0.06	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.10	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.080	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.080	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.080	RC9	0.12	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.080	RC9	0.63	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.70	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4640	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.260	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.260	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.260	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.260	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.72	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4641	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.140	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.140	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.140	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.070	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.140	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4642	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.080	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.16	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.04	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.080	RC9	0.03	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.05	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.040	RC9	0.00	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.080	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.040	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.040	RC9	0.05	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.080	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.080	RC9	0.01	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.080	RC9	0.27	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4643	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.140	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.140	RC9	0.12	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.140	RC9	0.12	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.140	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4644	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.080	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.08	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.06	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.040	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.06	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.00	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.06	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC9	0.08	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.040	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.040	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.080	RC9	0.03	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	0.080	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.080	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.080	RC9	0.02	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.080	RC9	0.20	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4645	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.140	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.140	RC1	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.140	RC1	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.140	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.140	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4646	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.040	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.080	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.080	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4647	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.140	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.140	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.140	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.140	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4648	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.260	RC1	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.130	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4649	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.260	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
4650	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.080	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.040	RC9	0.02	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.080	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.080	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.080	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.080	RC9	0.02	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.080	RC9	0.19	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4651	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.080	RC1	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.080	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.040	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.080	RC9	0.05	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.02	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.080	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.080	RC9	0.00	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.040	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.040	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.080	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.080	RC9	0.00	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.080	RC9	0.08	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4652	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.080	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.080	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.080	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
4653	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC1	0.28	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC1	0.28	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.10	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.32	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.10	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4654	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.25	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.25	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.26	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.47	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4655	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.24	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.42	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4656	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.15	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.15	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.16	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.09	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4657	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.350	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.175	RC9	0.26	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.175	RC1	0.15	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.12	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4658	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.050	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4659	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.34	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.34	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.12	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.35	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.12	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4662	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.22	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.22	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.23	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.09	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.47	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4663	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.350	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.700	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.700	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
4664	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4665	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.22	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.22	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.12	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.42	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4666	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.700	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.08	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.700	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.350	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.700	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.08	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.350	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.700	RC9	0.35	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.12	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4667	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.23	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.23	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.05	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.23	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4668	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4669	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.12	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC1	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC1	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4672	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.300	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.300	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4673	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4674	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.650	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.11	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.325	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.11	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.650	RC1	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.325	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC1	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4675	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.06	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4676	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.06	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4677	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.300	RC9	0.11	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.12	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4678	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC1	0.08	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.175	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.350	RC1	0.08	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.350	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.32	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.10	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4679	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.325	RC1	0.15	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.325	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.325	RC1	0.15	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.650	RC1	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.650	RC9	0.21	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.650	RC1	0.20	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4680	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.26	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.26	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.07	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.27	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4681	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.26	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.26	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.07	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4682	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC1	0.24	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC1	0.24	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.06	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.125	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4683	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.26	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.26	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC1	0.07	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC9	0.27	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4684	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.11	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.11	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4685	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC1	0.10	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.175	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.350	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.175	RC1	0.10	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.13	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4686	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4687	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.29	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.29	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.08	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.29	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4688	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.250	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.125	RC1	0.27	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4689	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.250	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.125	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
4690	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.150	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
4691	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.175	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
4692	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
4693	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
4694	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.700	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.350	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.700	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
4695	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
4696	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
4697	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC1	0.07	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.300	RC1	0.07	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.300	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.300	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
4698	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC1	0.08	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.350	RC1	0.08	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.350	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.350	RC1	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
4699	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.650	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.650	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.325	RC1	0.13	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.650	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.650	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.325	RC1	0.13	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.650	RC1	0.16	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC1	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
4700	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.100	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.21	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
4701	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.150	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.21	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
4702	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.250	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.21	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
4703	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.175	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.175	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.175	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
4704	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC1	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
4709	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.23	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.23	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.06	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.24	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.45	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4710	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.13	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4711	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.12	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
4714	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.05	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.13	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.45	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4715	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.09	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.350	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.09	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.350	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.350	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.12	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4716	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4717	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4720	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.300	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.300	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.10	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4721	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.350	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.09	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4722	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.650	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.650	RC1	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.325	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.325	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4723	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.07	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4724	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.07	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4725	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC1	0.27	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC1	0.27	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC1	0.07	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC9	0.23	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4726	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC1	0.11	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.175	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.175	RC1	0.11	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4727	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.09	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4728	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC1	0.26	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC1	0.26	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.08	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.26	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4729	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.22	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.22	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC1	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.23	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
4730	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.350	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4731	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4734	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4735	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.09	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.350	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.350	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.09	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.350	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.350	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4736	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4737	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4740	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.300	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.300	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4741	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC1	0.09	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.350	RC1	0.09	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.350	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4742	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.650	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.12	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.325	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.650	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.12	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.650	RC1	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.650	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.650	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC1	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
4743	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.25	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4744	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.25	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4745	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.125	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
4746	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC1	0.09	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.350	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.350	RC1	0.09	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4747	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4748	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC1	0.23	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.250	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC1	0.23	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.07	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC1	0.24	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4749	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4750	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.350	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4751	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4752	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4753	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.350	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.700	RC1	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4754	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4755	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4756	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4757	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4758	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.650	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4759	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4760	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC1	0.10	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.10	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.075	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
4761	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.11	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.11	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.125	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
4762	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.350	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4763	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4764	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.250	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4769	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.250	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.125	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
4770	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.150	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC1	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.075	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						acc. to 6.2.9.1
	0.150	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
4771	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.350	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.350	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.350	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4772	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4773	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.07	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.07	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
4774	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.700	RC1	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC1	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.700	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.700	RC1	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4775	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4776	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4777	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC1	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC1	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.300	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.300	RC1	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4778	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.10	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.350	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4779	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.650	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.650	RC9	0.08	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.325	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.650	RC9	0.08	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.650	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.650	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.325	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4780	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4781	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4782	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4783	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.350	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.175	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.350	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4784	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4789	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC1	0.10	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.10	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.29	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.66	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4790	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.12	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.175	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.35	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.175	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.57	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4791	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.27	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.27	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.27	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.44	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4794	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.12	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.12	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.35	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.12	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.66	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4795	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.700	RC1	0.10	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.350	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC1	0.10	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.700	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.700	RC9	0.27	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.57	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4796	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.19	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.19	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.44	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
4797	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.11	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.11	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.100	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.100	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4800	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC9	0.22	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC9	0.22	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.300	RC9	0.22	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4801	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.20	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.175	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.20	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.20	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4802	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.650	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.325	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.650	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.650	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4803	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4804	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.150	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4805	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4806	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.07	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.175	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.350	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.20	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.175	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.57	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4807	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.23	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.23	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.23	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.44	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4808	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC1	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC1	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.125	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4809	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.155	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.155	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.078	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.155	RC1	0.06	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.155	RC1	0.06	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.03	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.078	RC9	0.02	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.04	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.155	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.155	RC1	0.08	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.155	RC9	0.10	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.078	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.17	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.078	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.155	RC9	0.11	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.155	RC9	0.48	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
4810	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.10	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.68	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4811	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC1	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC1	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.300	RC1	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.32	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.10	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.58	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4812	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC1	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.025	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4813	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.10	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.31	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.10	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.68	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4814	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.400	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.200	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.400	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.400	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.400	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.400	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.55	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4815	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC1	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4816	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC1	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.100	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.100	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4817	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC1	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.200	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4818	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC1	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.175	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.175	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4819	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC1	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4820	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 o

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						or 2
	0.050	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
4821	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.075	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
4822	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.250	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
4823	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.350	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.175	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.175	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.55	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4824	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC1	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4829	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.150	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4830	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.175	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4831	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.07	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC1	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4832	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4833	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.700	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.700	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.700	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4834	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC1	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4835	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC1	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4836	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.300	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.300	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4837	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4838	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.325	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.650	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.325	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4839	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4840	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4841	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4842	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.350	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4843	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC1	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4844	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.125	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4845	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4846	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.175	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4847	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4848	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4849	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.700	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.350	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.700	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.700	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4850	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
4851	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4852	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.300	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.300	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4853	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4854	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.325	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.650	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.650	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.325	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4855	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4856	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4857	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4858	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.175	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4859	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4860	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.125	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.125	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.125	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4861	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.150	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC1	0.09	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.150	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC1	0.09	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
4862	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.17	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
4863	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC1	0.10	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC1	0.10	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4864	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4865	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC1	0.10	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.075	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.10	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4866	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.26	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.21	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4867	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4868	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.05	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4869	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC1	0.11	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC1	0.11	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4870	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.05	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4871	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4872	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4975	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.205	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.103	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.103	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.205	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.205	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.205	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4976	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC9	0.11	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.15	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC1	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.04	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.15	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.13	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.06	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.14	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.038	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.03	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	0.075	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.04	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.44	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.67	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4977	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.038	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.038	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.14	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.10	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.09	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.17	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.01	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.34	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.16	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4979	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC1	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC1	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.15	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.17	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.16	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC1	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.28	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	0.075	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.08	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.50	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.14	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.52	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4980	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC9	0.13	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.18	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC1	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.05	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.05	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.038	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.075	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.13	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.38	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.84	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4982	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC1	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.10	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.53	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4983	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.44	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4984	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.450	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.225	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.225	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.225	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.450	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4985	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.05	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4986	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
4987	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.22	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.225	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.225	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.225	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.22	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.23	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.450	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.42	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5034	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.225	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.225	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.225	RC1	0.32	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						acc. to 6.2.9.1
	0.000	RC1	0.14	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5035	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.225	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.225	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.34	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.12	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5036	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.225	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
5037	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.225	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.112	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.112	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.112	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5039	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.225	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.225	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.225	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.25	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5040	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.225	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.225	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.225	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5041	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.225	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.225	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5042	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.225	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.225	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5043	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.225	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.225	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5044	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.225	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.112	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.112	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.19	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5045	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.225	RC1	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.225	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5046	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.225	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.225	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5047	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.160	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5048	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.080	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.160	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.080	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.160	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.160	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5049	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.140	RC1	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.140	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5050	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.140	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5051	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.195	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.195	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.097	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.03	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.03	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.04	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.195	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.26	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.09	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.48	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.42	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5052	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.195	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.195	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.195	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.02	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.04	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.05	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.097	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.097	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.53	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.45	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5053	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.139	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.02	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.04	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.04	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.139	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.09	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.43	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5054	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.195	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.097	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.195	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.195	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5055	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.195	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.195	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5056	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.139	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.070	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.070	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.139	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.139	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5057	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.195	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.195	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.097	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5058	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.195	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5059	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.139	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.070	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5060	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.097	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.195	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.097	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.195	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
5061	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.097	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5062	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.09	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.070	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.139	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5063	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.195	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.097	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.097	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.097	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5064	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.195	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.097	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.195	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5065	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.139	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.070	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.070	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.139	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5066	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.097	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.195	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.097	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5067	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.097	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.195	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.097	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5068	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.139	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.070	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.070	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5069	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.097	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.195	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.097	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.195	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5070	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.097	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5071	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.139	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.139	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5072	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.195	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.097	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5073	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.195	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.195	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5074	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.13	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.070	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.13	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.070	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.12	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5075	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.195	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.097	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.195	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.195	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.097	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.195	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5076	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.195	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5077	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.139	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.139	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5081	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.235	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.235	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.117	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.21	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.117	RC9	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.13	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5082	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.235	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.235	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.235	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.15	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5083	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.235	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.12	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.36	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.15	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.49	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5084	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.117	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
5085	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.117	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
5086	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.235	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.117	RC1	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.117	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.117	RC1	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.117	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
5090	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.235	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.235	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.20	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.235	RC1	0.28	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.10	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5091	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.235	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.235	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.30	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.235	RC1	0.29	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.12	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5092	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.235	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.235	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.235	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.17	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.44	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5093	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.235	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.235	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.235	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.31	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.10	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5094	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.235	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.11	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5095	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.235	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.10	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.117	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.16	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.46	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5096	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.235	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.235	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.117	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.117	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.235	RC1	0.27	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.09	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5097	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.235	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.235	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.10	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5098	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.235	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.235	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.235	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.08	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.13	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.46	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5099	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.235	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.235	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
5100	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.235	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.117	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5101	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.235	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5102	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.235	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.117	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.235	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.235	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.235	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.235	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5103	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.117	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5104	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.235	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.235	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5105	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.117	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.235	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.235	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC1	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5106	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.117	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.235	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5107	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.235	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5108	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.235	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.117	RC1	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.235	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.117	RC1	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.117	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
5109	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.235	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.07	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.235	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.07	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
5110	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.235	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.235	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.07	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.235	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.07	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
5119	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.050	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.025	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.025	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.025	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5128	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.155	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.078	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5129	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.155	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5130	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.155	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.155	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5131	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.155	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.155	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.155	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.078	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5132	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.078	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.078	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.078	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5133	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.078	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.155	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5134	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.078	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.155	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5135	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.078	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.155	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5136	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.155	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.078	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5137	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5138	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.078	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5139	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.155	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.23	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5140	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.155	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.078	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5141	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.155	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5142	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.155	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.155	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.078	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 a

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5143	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.24	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.155	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5144	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.155	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.155	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.078	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5145	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.155	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.155	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.155	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5146	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.155	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.155	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.155	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5147	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.155	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.155	RC9	0.07	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.155	RC9	0.07	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.21	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5148	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.155	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.078	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.155	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.078	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5149	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.155	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.078	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.155	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.078	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.078	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5150	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.155	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.155	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.155	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.078	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.078	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.078	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5151	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.155	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.155	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.155	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.155	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5152	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.155	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.155	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.078	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5153	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.155	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5154	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.155	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5155	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.155	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.155	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5156	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.155	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.078	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.078	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.155	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.155	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5157	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.155	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.155	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.078	RC1	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.155	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.078	RC1	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5158	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.155	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.155	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.078	RC1	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.078	RC1	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5159	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.155	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.078	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.155	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5160	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.155	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.155	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.078	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5161	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.155	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5162	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.155	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5163	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.155	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.155	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.155	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.05	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.078	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5164	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.15	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.155	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.15	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.078	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5165	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5166	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5167	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.155	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.155	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.155	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5189	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.07	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.055	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.110	RC1	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.110	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.56	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5201	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.07	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.110	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.60	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5218	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.175	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.109	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.109	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.109	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.109	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.109	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.175	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.109	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5219	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.175	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.10	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5220	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.175	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.10	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.131	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.29	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.60	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5221	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.077	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.13	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.07	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.038	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.038	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5222	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.175	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.109	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.109	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.109	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.175	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.109	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5223	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.175	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.131	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.131	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.175	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.175	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5224	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.175	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.087	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.175	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5225	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.077	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.077	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.038	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.077	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.077	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.038	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5226	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.175	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.109	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.109	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.109	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5227	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.175	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.131	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.175	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.175	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.175	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5228	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.175	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.087	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.175	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.087	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.175	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5229	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.077	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.038	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.038	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.077	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.077	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.077	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5230	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.109	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.109	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.109	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.109	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5231	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.131	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.175	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5232	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5233	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.077	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.077	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.038	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.077	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.038	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.077	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.038	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.038	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5234	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.109	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.109	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.109	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.109	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.109	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.109	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5235	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.131	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5236	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.131	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5237	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.038	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.077	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.038	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.038	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.077	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5241	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.55	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5265	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5266	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC1	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.16	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
5267	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
5268	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
5269	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.100	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC1	0.10	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC1	0.10	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
5270	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.025	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.025	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.025	RC1	0.17	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
5271	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5272	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
5273	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5274	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5275	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.11	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.11	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5276	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.025	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5277	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5278	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.025	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.025	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5279	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.12	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5280	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.025	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.20	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5281	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.11	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.11	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5282	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.025	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC1	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC9	0.27	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5283	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.12	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5284	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.050	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5285	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5286	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.025	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5287	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5288	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.025	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC1	0.05	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5289	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.12	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
5290	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.07	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC1	0.21	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.025	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.025	RC9	0.07	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC1	0.21	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.21	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5291	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.12	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5292	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.025	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5293	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5294	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5295	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5296	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5297	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.12	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.12	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5298	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.05	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5299	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5300	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5301	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5302	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
5303	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5304	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5305	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5306	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5307	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5308	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5309	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5310	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5311	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5312	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.025	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.025	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5313	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5314	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5315	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5316	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5317	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5318	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.150	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5319	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.125	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5320	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.9.1
	0.150	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5321	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5322	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5323	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5324	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.025	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5325	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5326	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5327	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5328	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						acc. to 6.2.9.1
	0.050	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5329	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC1	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.075	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5330	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5331	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5332	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5333	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5334	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5335	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5336	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5337	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.150	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5338	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5339	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5340	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.025	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.025	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5341	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5342	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5343	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5344	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.025	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.025	RC1	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5345	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.150	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5346	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5347	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.09	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.09	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5348	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.10	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 o

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						or 2
	0.025	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.10	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5349	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5350	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5351	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.250	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.250	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5352	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5353	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5354	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5355	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5356	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5357	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5358	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5359	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5360	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.025	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5361	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.11	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.11	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5362	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.07	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5363	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5364	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.16	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.025	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.16	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.025	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5365	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.250	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5366	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.075	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
5367	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5368	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
5369	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5370	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5371	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5372	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.6, 6.2.7 and 6.2.9
	0.050	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5373	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.075	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5374	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5375	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5376	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.025	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.025	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5377	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.150	RC1	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5378	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC1	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5379	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5380	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5397	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.275	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.275	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.275	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.550	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.275	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.550	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5398	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC9	0.13	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.15	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.250	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.04	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.250	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.00	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.05	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.05	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.250	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.12	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.125	RC9	0.03	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.37	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.42	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5399	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.250	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.250	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5405	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.048	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.048	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.048	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5417	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.250	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.125	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5418	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5419	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.16	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.250	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.16	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.16	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.125	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5420	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.18	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.250	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.18	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.125	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.18	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5421	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.250	RC9	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.12	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.12	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.47	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5428	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.125	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
5429	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.250	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.250	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5430	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5431	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.250	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.09	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5434	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.400	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.200	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.400	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.400	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5435	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.200	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.400	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.5 and 6.2.8
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.400	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5439	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5440	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.08	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5441	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5442	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5443	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.08	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.08	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5444	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5445	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.025	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5446	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5447	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
5448	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5449	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.050	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5450	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.13	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5453	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5454	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5455	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.100	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.050	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5456	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5457	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.050	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5458	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5461	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5462	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5463	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.050	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5464	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5465	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.050	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5466	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5469	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.200	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5470	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5471	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.050	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5472	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5473	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.050	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5474	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5477	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
5478	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.200	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.200	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5479	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.050	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5480	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5481	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.050	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5482	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5485	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.200	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 o

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						or 2
	0.300	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.300	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.200	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.200	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5486	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5487	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
5488	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5489	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
5490	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5491	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.650	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.325	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.650	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.325	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5492	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.650	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.325	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.325	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.650	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.325	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5493	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5494	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.650	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.325	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.325	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5495	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.650	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.325	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.325	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
5496	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5497	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.325	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.650	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.325	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5498	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.325	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.650	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.325	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5499	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.20	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5500	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC9	0.20	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5501	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC9	0.24	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.700	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5502	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.20	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5503	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5504	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.350	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.700	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.700	RC9	0.20	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5505	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5506	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.800	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5507	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.700	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.700	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.800	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5508	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5509	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.900	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.700	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.700	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.700	RC9	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.700	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.700	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5510	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.800	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5511	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5512	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5513	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5514	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5515	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.22	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5546	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5547	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5548	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.010	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.010	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.010	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5549	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5550	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.010	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.010	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5551	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.025	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.025	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.20	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5552	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.050	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.050	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5553	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5554	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5555	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5556	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.025	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.22	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5557	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.025	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.25	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.025	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5558	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5559	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5560	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5561	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5562	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5563	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5564	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5565	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5566	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.24	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5567	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5568	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.21	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5569	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.25	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5570	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.140	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.140	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.140	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5571	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.140	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5572	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.140	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.070	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.140	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5573	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.140	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.070	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.140	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5574	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.140	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5575	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.140	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5576	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.140	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5577	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.140	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5578	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.140	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.140	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.140	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.140	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5579	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.140	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.140	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5580	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.140	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5581	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.140	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.140	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5582	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.140	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.140	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5583	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.070	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.140	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5584	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5585	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5586	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5587	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5588	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.050	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5589	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5590	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.025	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.025	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.025	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 a

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5591	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.10	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.050	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5592	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5593	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.14	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.14	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5594	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.050	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5595	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5596	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.200	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5597	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.050	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5598	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5599	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.200	RC1	0.12	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.200	RC1	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5600	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.050	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5601	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5602	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC9	0.14	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 o

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC9	0.14	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.200	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.13	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.13	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5603	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.050	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5604	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5605	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.325	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.325	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.325	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.650	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5606	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.650	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.325	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.325	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.650	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5607	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.325	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.650	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.325	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5608	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC9	0.21	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.14	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.14	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5609	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.700	RC9	0.11	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.350	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC9	0.11	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.700	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5610	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.700	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.700	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.900	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5611	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.10	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.700	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.700	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.700	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.900	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.13	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.13	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5612	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5613	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5614	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5615	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.200	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5628	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.125	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.125	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.125	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
5629	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.010	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5630	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5631	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.025	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.025	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5632	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5633	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.025	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
5634	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5635	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.14	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.14	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5636	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.09	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5637	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.21	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.14	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.14	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5638	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5639	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						acc. to 6.2.9.1
	0.140	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5640	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.140	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.070	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.070	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5641	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.070	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5642	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.140	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5643	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.140	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.140	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.140	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5644	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.140	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.140	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.140	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5645	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.070	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.140	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5652	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5653	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.460	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.460	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.230	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.460	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.460	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.230	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5654	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.330	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5655	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.100	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5656	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.075	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.075	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5657	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.230	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.460	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.460	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.230	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5658	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.330	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.165	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.165	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.330	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5659	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5660	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.10	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5661	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.230	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.460	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.460	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.11	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.230	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5662	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.165	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.10	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5663	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.12	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5664	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5665	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.230	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.460	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.10	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.230	RC1	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5666	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.165	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.330	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5667	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.16	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.16	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5668	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5669	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.460	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.230	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.460	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.230	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5670	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.330	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.165	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.330	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5671	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.13	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.13	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5672	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.150	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5673	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.460	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.230	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.460	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.230	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.460	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.230	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5674	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.330	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5675	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.14	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.14	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5676	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5677	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.230	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.460	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.230	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.460	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.230	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5678	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.165	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.330	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5679	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.14	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.14	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5688	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.095	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5689	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.095	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5690	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.16	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.16	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5691	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.13	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.13	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5692	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.13	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.13	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5693	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.14	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.14	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5694	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.090	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.045	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.090	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5695	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.12	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.045	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.045	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5696	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.800	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.800	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.16	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.16	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5697	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.800	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.400	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.800	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.13	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.13	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5698	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.10	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.400	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.800	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.13	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.13	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5699	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.400	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.14	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.14	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5710	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.150	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.150	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5711	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.460	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.230	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.230	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.230	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.460	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.230	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.460	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.460	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.230	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5712	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.330	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.165	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.330	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5713	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5714	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.150	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5715	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.460	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.230	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.460	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.460	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.230	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.460	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.230	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5716	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.330	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.165	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.330	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5717	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.200	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.200	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5718	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
5719	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.460	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.460	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.460	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.230	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5720	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.165	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.165	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.330	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.330	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5721	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5722	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5723	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.230	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.460	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.460	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.230	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5724	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.165	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.330	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
5725	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5726	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.150	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5727	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.460	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.230	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.460	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.230	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5728	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.330	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.330	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.165	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.330	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.330	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5729	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.200	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5730	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.150	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5731	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.460	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.230	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.460	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.460	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.460	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.230	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5732	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.330	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.330	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5733	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5734	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5735	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.230	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.460	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.460	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.460	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.230	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5736	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.165	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.330	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5737	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5746	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.190	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.190	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5747	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5748	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5749	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.200	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5750	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.200	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5751	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5752	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.090	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.045	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.045	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.045	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.045	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.045	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.090	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.090	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5753	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.045	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5754	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.800	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.400	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.400	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5755	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.800	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.800	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5756	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.800	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.800	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5757	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.800	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5768	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.900	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.450	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.450	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.450	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.450	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.450	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.450	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.900	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5769	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.010	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5770	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.450	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.900	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.450	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.450	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.900	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.450	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.900	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.900	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5771	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.010	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.005	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.005	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5772	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5773	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.010	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.010	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.005	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5774	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.710	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.355	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.710	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.355	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.710	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5775	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.710	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.355	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.355	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.355	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.355	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.710	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.710	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.710	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5776	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5777	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.710	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.710	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.355	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.710	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 a

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5778	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.005	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.005	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5779	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.710	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.355	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.710	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5780	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.150	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.150	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
5781	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.460	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.460	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.460	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
5782	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.330	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.330	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.165	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.165	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.330	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.165	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
5783	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.100	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
5784	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.150	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.150	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.150	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.6, 6.2.7 and 6.2.9
5785	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.460	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.460	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.460	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.460	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.460	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.460	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.230	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.460	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
5786	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.165	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.330	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.330	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.330	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
5787	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
5790	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
5791	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
5792	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.050	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
5793	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
5794	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5795	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.460	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.460	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.230	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5796	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.330	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.330	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5797	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5798	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5799	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.460	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.460	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.230	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5800	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.165	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.330	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5801	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5804	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5805	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5806	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5807	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5810	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.100	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
5811	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.050	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
5812	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.150	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.150	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.150	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.075	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
5813	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.460	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.460	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.460	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.460	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.460	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.460	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
5814	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.330	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.330	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.165	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.165	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.165	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.330	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.165	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
5815	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.100	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
5816	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.050	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.100	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
5817	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.050	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
5818	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.150	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5819	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.460	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.460	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.460	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.230	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.230	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.460	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.230	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5820	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.330	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.165	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.330	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5821	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 o

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5822	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5823	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5825	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.700	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.350	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.700	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
5826	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.075	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.150	RC9	0.12	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.12	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
5827	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.460	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.460	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.460	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
5828	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.165	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.330	RC9	0.08	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.330	RC9	0.08	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
5829	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.200	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.200	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
5832	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.100	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
5833	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.800	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.800	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
5834	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.075	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5835	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.460	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.230	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5836	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.330	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.10	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.330	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5837	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5840	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.12	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.200	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.12	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5841	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.800	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.800	RC9	0.11	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.800	RC9	0.11	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.800	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.800	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.800	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5844	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.150	RC9	0.07	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.075	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.07	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.075	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
5845	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.460	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.460	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.460	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.460	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.460	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.460	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
5846	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.330	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.330	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.330	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.330	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
5847	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.100	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
5850	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.100	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC1	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC1	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
5851	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.800	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
5852	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.150	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5853	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.460	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.230	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.460	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.460	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.460	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.230	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5854	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.330	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.165	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.330	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5855	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5858	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5859	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.800	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.800	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5862	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.150	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5863	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.460	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.460	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.230	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.460	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.10	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.10	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.230	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5864	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.330	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.165	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.330	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5865	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5866	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5867	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.800	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.800	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.800	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5868	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.150	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5869	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.460	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.230	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.460	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.460	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.460	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.230	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5870	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.330	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.165	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5871	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.12	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5872	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5873	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.800	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.800	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.800	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.800	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5875	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
5876	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.150	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5877	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.460	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.230	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.230	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.460	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.460	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.460	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.10	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.10	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.230	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5878	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.330	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.165	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5879	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.200	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.15	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.15	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5880	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC1	0.15	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.15	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5881	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.800	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.800	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.800	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.800	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.800	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.15	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.15	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5882	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.150	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.11	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5883	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.460	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.12	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.460	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.460	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.13	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.13	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.230	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5884	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.330	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.10	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5885	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5886	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5887	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.800	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.800	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5889	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.230	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.460	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.460	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.230	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5890	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.150	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5891	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.460	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.460	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.230	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.460	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.230	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5892	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.330	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.165	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5893	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5894	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.200	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5895	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.800	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.800	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.100	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.100	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5896	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.150	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5897	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.460	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.460	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.460	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.460	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.230	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5898	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.330	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5899	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5900	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5901	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.800	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.800	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.800	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5904	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5905	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.230	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.460	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.460	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.460	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.230	RC1	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5906	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.330	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5907	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5908	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5909	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.800	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.800	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5910	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5911	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.230	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.460	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.230	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.460	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.10	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.230	RC1	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5912	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.330	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.10	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5913	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5914	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5915	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.800	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.800	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5918	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5919	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.460	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.460	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.230	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5920	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.330	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5921	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5922	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5923	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.800	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.800	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5924	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5925	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.230	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.460	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.230	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.460	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.10	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.230	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5926	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.330	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5927	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.16	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.16	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5928	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.16	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.16	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5929	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.800	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.800	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.15	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.15	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5937	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.045	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.55	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5938	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.06	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.06	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC1	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.58	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5939	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.090	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.59	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5942	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.165	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.165	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.165	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.165	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.330	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.330	RC9	0.12	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.55	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5943	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.040	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.040	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.040	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.55	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5944	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.165	RC9	0.06	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.165	RC9	0.06	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.330	RC9	0.35	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.330	RC9	0.14	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.58	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5945	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.030	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.060	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.59	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5955	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.61	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5957	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.12	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.038	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC9	0.14	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.075	RC1	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.16	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.82	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5972	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5973	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5974	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.350	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5975	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.100	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
5976	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
5977	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.700	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.700	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.700	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
5978	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
5979	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5980	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5981	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
5982	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
5983	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.700	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.700	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.700	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.700	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
5984	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5985	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
5986	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6018	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6019	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6020	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6021	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.230	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.460	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.230	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
6022	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.165	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.165	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.330	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6023	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.13	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.13	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6026	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6027	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.13	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.13	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6028	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6029	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.050	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.13	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.13	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6030	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.150	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.150	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6031	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.460	RC9	0.08	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.15	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.460	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.230	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.460	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.230	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.460	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.16	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.230	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6032	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.330	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.330	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.165	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.165	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6033	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.17	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.52	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
6034	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.150	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6035	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.460	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.460	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.460	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.460	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.460	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.230	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6036	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.330	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.330	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.330	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.165	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.330	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.165	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.330	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6037	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.14	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.14	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6040	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.08	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.15	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.50	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6041	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.14	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.14	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6042	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.08	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.16	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.25	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.50	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6043	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.24	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.14	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.14	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6046	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6047	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6048	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.150	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6049	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.460	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.230	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.460	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.460	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.230	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6050	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.330	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.165	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.330	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6051	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6052	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6053	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6054	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.150	RC9	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.15	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6055	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.460	RC9	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.16	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.230	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.230	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.230	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.230	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.460	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.17	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.230	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6056	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.330	RC9	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.15	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.165	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.330	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.330	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6057	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.10	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.18	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.57	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6058	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.10	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.18	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.57	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6059	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.10	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.18	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.57	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6061	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.350	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6062	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6063	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.460	RC9	0.12	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.460	RC9	0.12	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.460	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.230	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6064	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.12	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6065	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC9	0.17	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC9	0.17	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.200	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6068	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.19	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.19	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6069	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.800	RC9	0.19	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.800	RC9	0.19	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.800	RC9	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.800	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.800	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6070	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.150	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6071	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.460	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.230	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.460	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.230	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6072	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.330	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.165	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.330	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.165	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6073	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC9	0.23	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.14	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.14	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6076	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.24	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.13	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.13	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6077	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.800	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.800	RC9	0.24	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.13	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.13	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6080	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.150	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6081	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.460	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.230	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.460	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.460	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.230	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6082	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.330	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.165	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6083	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6086	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6087	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.800	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6088	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.150	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6089	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.460	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.230	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.460	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.460	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.12	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.230	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6090	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.330	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6091	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.9.1
	0.100	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6094	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6095	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.800	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.12	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.800	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.42	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6098	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.150	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6099	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.460	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.230	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.460	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.460	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.230	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6100	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.330	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.330	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.165	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6101	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.12	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6102	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6103	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.800	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.800	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.800	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6104	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.150	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6105	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.460	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.15	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.460	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.460	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.16	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.230	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6106	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.330	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.165	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.330	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.330	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6107	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.08	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.16	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.13	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.13	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.51	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6108	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.15	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.49	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6109	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.800	RC9	0.08	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.16	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.800	RC9	0.22	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.800	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.50	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6111	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.150	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.11	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6112	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.460	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.12	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.460	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.460	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.13	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.13	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.230	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6113	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.330	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.12	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.165	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6114	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6115	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6116	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.800	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.800	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.800	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
6117	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.150	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.12	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6118	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.460	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.460	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.460	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.15	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.230	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6119	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.330	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.12	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.165	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.165	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.165	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.330	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.10	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6120	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.15	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC9	0.24	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.48	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6121	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.14	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.23	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.45	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6122	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.800	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.14	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.24	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.800	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.46	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6124	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.150	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6125	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.460	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.460	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.230	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.460	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.230	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6126	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.330	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.165	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.330	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6127	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6128	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.200	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.200	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6129	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.800	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6130	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.150	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.12	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6131	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.460	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.12	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.230	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.460	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.13	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.230	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6132	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.330	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.12	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.165	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.330	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6133	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.13	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.13	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6134	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.200	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.200	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.13	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.13	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6135	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.800	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.800	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.13	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.13	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6138	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.10	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6139	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.460	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.460	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.11	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.230	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6140	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.330	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.10	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
6141	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6142	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6143	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.800	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.800	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6144	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6145	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.230	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.460	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.460	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.10	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.230	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6146	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.330	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6147	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6148	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6149	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.800	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.800	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6152	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.10	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6153	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.230	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.230	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.460	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.460	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.11	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.230	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6154	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.330	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.330	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.10	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6155	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.16	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.16	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6156	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.16	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.16	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6157	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.800	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.800	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.16	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.16	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6158	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6159	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.230	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.230	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.460	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.11	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.230	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6160	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.165	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.330	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.10	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6161	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.16	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.16	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6162	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.200	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.16	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.16	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6163	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.800	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.800	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.800	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.16	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.16	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6166	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.300	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.12	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.53	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6167	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.63	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6168	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.54	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6169	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.60	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6173	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.13	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.61	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6174	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.68	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6175	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.400	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.400	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.400	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.54	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6176	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.400	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.400	RC9	0.05	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.400	RC9	0.00	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.400	RC9	0.00	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.400	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.400	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.400	RC9	0.00	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.400	RC9	0.13	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.63	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6177	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC1	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.54	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6178	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.60	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6206	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.10	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.18	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.57	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6207	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.10	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.18	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.57	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6208	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC9	0.10	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.18	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.700	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.350	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.57	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6209	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6210	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6211	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.700	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.700	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.700	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6212	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.17	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.26	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.52	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
6213	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.08	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.15	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.49	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6214	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.700	RC9	0.08	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.16	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.350	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.50	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6215	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.13	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.13	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6216	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.13	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.13	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6217	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.13	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.13	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6218	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.14	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.14	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6219	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.14	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.14	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6220	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.700	RC1	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.350	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC1	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.14	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.14	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6252	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.160	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.160	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
6253	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.100	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.050	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6254	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.240	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6255	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6256	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6257	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.160	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.160	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.160	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.160	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.160	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
6258	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.050	RC9	0.02	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6259	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.240	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.240	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.120	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.240	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
6260	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6261	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
6262	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.160	RC9	0.15	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.17	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.160	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.160	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6263	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.100	RC9	0.15	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.19	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.19	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.050	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6264	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.240	RC9	0.15	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.17	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.120	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
6265	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.17	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.22	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.61	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6266	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.15	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.18	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6267	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.160	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.160	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.160	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6268	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.050	RC9	0.03	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6269	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.240	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.240	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.03	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6270	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6271	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.200	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6272	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.160	RC9	0.15	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.17	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.080	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.160	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.17	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
6273	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.100	RC9	0.15	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.18	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.18	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.050	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6274	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.240	RC9	0.15	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.17	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6275	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.17	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.21	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.025	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.62	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
6276	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.14	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.17	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6277	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.160	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.160	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.160	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6278	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.050	RC9	0.03	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6279	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.240	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.240	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.03	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6280	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.025	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6281	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.000	RC9	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6282	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.160	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.080	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
6283	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.100	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.050	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6284	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.240	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6285	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6286	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6287	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.080	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.160	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.160	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.160	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.160	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.160	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
6288	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.100	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
6289	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.120	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.240	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.240	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.120	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.240	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.120	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.240	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.240	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.240	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
6290	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6291	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.200	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.200	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.200	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
6292	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6317	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.025	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
6318	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.050	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6319	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.650	RC9	0.14	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.16	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.325	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.325	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.51	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6320	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.14	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.17	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.100	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.100	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.52	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6321	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.14	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.17	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.52	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6322	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6323	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
6324	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.650	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.325	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6325	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6326	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6328	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.550	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.275	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.550	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6329	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.10	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6330	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6331	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6333	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.550	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
6334	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
6335	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
6336	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
6337	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.17	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.22	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC9	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.61	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6338	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.550	RC9	0.16	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.20	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.275	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.275	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.550	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.56	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6339	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.650	RC9	0.16	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.19	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.325	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.325	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.325	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.53	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6340	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.15	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.18	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.52	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6341	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.15	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.18	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.52	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6342	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6343	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.550	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.550	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.550	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.550	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6344	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.650	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.325	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6345	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6346	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6347	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.06	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6348	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.550	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.275	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.275	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.550	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6349	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.650	RC9	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.325	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6350	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6351	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6352	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.550	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
6353	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.325	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.325	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.650	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
6354	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
6355	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
6364	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.650	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.650	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.325	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.325	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.325	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.325	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6365	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.08	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6366	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.325	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 o

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						or 2
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
6367	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
6368	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.650	RC9	0.15	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.18	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.325	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6369	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.17	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.20	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6370	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.650	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6371	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.9.1
	0.100	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6372	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.650	RC9	0.15	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.17	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.325	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.325	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6373	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.17	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.19	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6374	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.650	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6375	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6376	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.400	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.400	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6377	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.100	RC9	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.100	RC9	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
6378	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.400	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.400	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.400	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.400	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.400	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.400	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.400	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
6379	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
6380	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
6381	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.100	RC9	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6382	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
6383	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.100	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6392	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6393	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6394	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.15	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.18	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6395	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.17	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.20	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6396	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.14	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.17	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6397	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 o

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						or 2
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6398	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.17	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.19	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6399	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6404	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6405	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
6406	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6407	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
6408	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.160	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.160	RC9	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.160	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.080	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.080	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6409	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.100	RC9	0.10	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.15	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.13	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.13	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.050	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6410	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.120	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.240	RC9	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.240	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.240	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6411	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.12	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.15	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.23	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.94	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6412	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.200	RC9	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.200	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6413	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.160	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.160	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.160	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.160	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6414	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.050	RC9	0.03	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6415	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.240	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.120	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.240	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.240	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6416	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6417	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.200	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.200	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.200	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6418	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.160	RC9	0.16	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.19	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.160	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.160	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6419	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.100	RC9	0.15	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.20	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.14	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.050	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6420	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.240	RC9	0.16	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.19	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.120	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.240	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.120	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6422	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.15	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.19	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.14	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.45	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6423	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.160	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.160	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.160	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.160	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.160	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
6424	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.050	RC9	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6425	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.240	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.240	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.240	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.240	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.240	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.240	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6426	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6427	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6428	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.160	RC9	0.16	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.19	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.080	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.080	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.160	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.080	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6429	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.100	RC9	0.18	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.23	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.050	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6430	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.240	RC9	0.16	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.19	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.120	RC1	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.120	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.120	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.120	RC1	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.240	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6432	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.16	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.20	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.13	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.46	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6433	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.160	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.160	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.160	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.080	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.080	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.160	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6434	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.100	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.050	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6435	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.240	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.240	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.240	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.240	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.240	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.240	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6436	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6437	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.200	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6438	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.160	RC9	0.13	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.15	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.160	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.080	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.160	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.080	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6439	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.100	RC9	0.11	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.15	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.05	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.16	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.15	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.050	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6440	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.240	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.240	RC9	0.13	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.15	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.120	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.120	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.120	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.240	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6441	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.12	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.17	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC1	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.06	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.15	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.75	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6442	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.200	RC9	0.10	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.12	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC9	0.15	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.200	RC9	0.15	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.15	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6443	**Cross-section No. 8 - RO 42.4x4 | EN 10219-2:2006**					
	0.160	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.160	RC1	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.160	RC1	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.160	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.160	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.160	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6444	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
6445	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.240	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.240	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.240	RC1	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.240	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.240	RC1	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.240	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.240	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6446	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6447	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.200	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6448	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6478	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6479	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6480	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.650	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.325	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.325	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.325	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.650	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6481	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6482	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6483	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.11	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.15	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.29	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.71	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6484	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.550	RC9	0.10	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.14	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.275	RC9	0.04	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.550	RC9	0.22	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.66	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6485	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.12	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.62	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6486	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.100	RC9	0.10	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.12	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.050	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.100	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.100	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.62	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6487	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.100	RC9	0.10	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.12	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.62	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6488	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6489	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.550	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.550	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6490	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6491	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6492	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6498	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6499	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.550	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.550	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.550	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.550	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6500	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.650	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.650	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.325	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.650	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.650	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6501	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6502	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6503	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.12	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.15	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.30	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.10	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.94	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6504	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.550	RC9	0.10	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.275	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.09	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.89	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6505	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.650	RC9	0.08	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.325	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.650	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.81	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6506	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.100	RC9	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.82	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6507	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.100	RC9	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.82	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6508	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.550	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.550	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.550	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.275	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.550	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.550	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6509	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.650	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.325	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.325	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.325	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.325	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6510	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6511	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6520	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.650	RC9	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.650	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.650	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.325	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.650	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6521	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.11	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC1	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6522	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.650	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.325	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.650	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.325	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.650	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.325	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6523	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6524	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.650	RC9	0.15	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.19	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.650	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.650	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.44	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6525	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.18	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.21	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.48	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6526	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.650	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.650	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.650	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.650	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6527	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.050	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6528	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.650	RC9	0.16	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.20	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.325	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.650	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.46	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6529	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.18	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.22	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.50	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6530	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.650	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.650	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.650	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.650	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6531	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6532	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.400	RC9	0.10	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.12	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.200	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.400	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.400	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.400	RC9	0.16	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.400	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6533	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.14	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.16	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.45	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6534	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.400	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.200	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.400	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.400	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6535	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6536	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6537	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6538	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6539	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
6548	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.100	RC9	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6549	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.11	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6550	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.15	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.19	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.14	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.44	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6551	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.18	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.21	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.48	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6552	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.16	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.20	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.46	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6553	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6554	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.18	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.22	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.50	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6555	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6560	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.100	RC9	0.10	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.12	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6561	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
6562	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.14	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.16	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.12	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.45	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6563	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6564	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.400	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.400	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.200	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.400	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.400	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.200	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.400	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.400	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6565	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.400	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.400	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.200	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.400	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.400	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force a

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						acc. to 6.2.9.1
	0.400	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.58	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6566	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.400	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.400	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.400	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.47	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6567	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.400	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.400	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.400	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.52	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6568	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.400	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.400	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.400	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.200	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.400	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.46	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6569	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.400	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.400	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6570	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6594	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.76	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6595	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC9	0.07	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 o

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						or 2
	0.150	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC9	0.07	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.300	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.49	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6596	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.150	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.300	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.48	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6597	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.08	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC9	0.08	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.08	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.150	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.08	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.19	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.60	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.61	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6598	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.400	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.300	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.07	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.24	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.400	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.400	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.25	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.300	RC9	0.70	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6603	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.07	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.055	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.055	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.110	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.110	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.51	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6604	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.06	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.055	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.055	RC9	0.06	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.110	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.110	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.110	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.110	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.48	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6605	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.380	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.190	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.380	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.380	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.11	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.49	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6606	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.380	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.190	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.380	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.380	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6607	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.470	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.235	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.470	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.235	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.235	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.470	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.57	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6608	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.380	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.380	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.190	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.380	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.380	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.57	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
6609	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.190	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.190	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.380	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.55	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6680	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.022	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.022	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.022	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.022	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.022	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6681	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.275	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.550	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.550	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
6684	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6685	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6686	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6687	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.024	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.024	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.012	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.012	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.012	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.024	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.024	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.012	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6717	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.150	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.300	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.300	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6719	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6721	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6734	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.065	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.130	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6736	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6738	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.150	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.150	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.300	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.300	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6743	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6765	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6767	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
6769	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.300	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6774	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6796	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.065	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.130	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.065	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6798	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6803	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.010	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6805	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6827	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.130	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.130	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.065	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.130	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.130	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6829	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6834	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6836	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6837	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.038	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6858	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.300	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.300	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6860	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6865	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.095	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.145	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.145	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.095	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6868	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.095	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.145	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.095	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.145	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.095	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6876	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.110	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.055	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.110	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.110	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.60	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6877	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.450	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.150	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.08	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.06	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.10	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.450	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.11	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.150	RC1	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.450	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.450	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.150	RC9	0.11	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.150	RC9	0.50	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.150	RC9	0.65	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6878	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.025	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.75	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6879	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.450	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.225	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.225	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.57	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6889	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.065	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.130	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.130	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6896	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.305	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.305	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.605	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6899	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.305	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.435	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.305	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.435	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.435	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6903	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.025	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.75	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
6906	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.07	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC9	0.08	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.12	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.65	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6907	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.33	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.11	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.46	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6908	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.28	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6909	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.075	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6910	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6911	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.050	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6920	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.065	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.065	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6924	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6927	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.038	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6930	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.038	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6934	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.450	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.450	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.225	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.450	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.450	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.51	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6938	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC9	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.15	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.14	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.03	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.03	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.04	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.075	RC9	0.02	≤ 1	CS156)	Cross-section check - Bending about z-axis, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.038	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.03	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.28	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.60	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6939	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.05	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.07	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.200	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.16	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.59	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6940	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.038	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.50	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6941	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.038	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6942	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.9.1
	0.075	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6951	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.09	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.150	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.300	RC9	0.05	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6955	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.025	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6958	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.095	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.145	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.145	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.145	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6961	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.305	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.435	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.305	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.435	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6965	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.075	RC1	0.12	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.075	RC1	0.17	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2
	0.000	RC1	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6968	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6969	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.46	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6971	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6972	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6982	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.300	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.300	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6986	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6989	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.038	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6992	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.095	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.047	RC9	0.07	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.047	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.095	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.047	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.047	RC9	0.07	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.047	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6997	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.06	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.29	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.50	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6998	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.090	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.51	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
6999	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.450	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.09	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.225	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.225	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.225	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.225	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.450	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7000	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.450	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.450	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.225	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.225	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.450	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7001	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.075	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.57	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7002	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.020	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.14	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.14	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7004	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.08	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.010	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7005	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.48	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
7006	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.045	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.045	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.090	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.48	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7009	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.165	RC9	0.06	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.165	RC9	0.06	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.330	RC1	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.330	RC9	0.13	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.50	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7010	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.030	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.060	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.51	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7011	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.165	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.165	RC9	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.330	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.48	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7012	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.007	RC9	0.04	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.015	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.015	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.48	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7013	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.130	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.130	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.065	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.130	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.130	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.130	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7020	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.305	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.305	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.153	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.305	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.305	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.153	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7023	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.038	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.038	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.075	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7025	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.038	RC9	0.04	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.038	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.52	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7027	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.010	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.010	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.55	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7028	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.038	RC9	0.06	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.038	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.038	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.000	RC9	0.46	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7029	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.038	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.075	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7030	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.075	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.075	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.038	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.075	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7031	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7033	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.11	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.11	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.09	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.70	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7034	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.450	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.225	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.225	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.450	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.450	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.76	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
7035	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.025	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.13	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.71	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7036	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.50	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7037	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.225	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.225	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.450	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.49	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7038	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.31	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.10	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.50	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7039	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.07	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.48	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7040	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.450	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.225	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.225	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.450	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.225	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.225	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.49	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7042	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.275	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.550	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.6, 6.2.7 and 6.2.9
	0.550	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.550	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7044	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.11	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.150	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.11	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.300	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
7050	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.550	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.275	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.550	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.275	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
7051	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.079	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.079	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.079	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.079	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7053	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.047	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7055	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.305	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.153	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.305	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7056	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.32	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.10	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.49	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7057	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.065	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.130	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.130	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7059	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.165	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.330	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.330	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.330	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.330	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7067	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.025	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.050	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.050	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.050	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.54	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7078	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.450	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.150	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.03	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.150	RC9	0.02	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.03	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.150	RC9	0.02	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.150	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.450	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.150	RC9	0.03	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.150	RC9	0.25	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.150	RC9	0.58	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7083	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.050	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7084	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7085	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
7086	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
7088	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
7089	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.59	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7100	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.12	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.038	RC9	0.04	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.038	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.71	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7111	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.12	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.038	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.038	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.62	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7122	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.55	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7133	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.038	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.49	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7155	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7160	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.330	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.165	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.330	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.330	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.330	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.330	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7166	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.037	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7193	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.550	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.550	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.275	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.550	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.275	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.550	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.550	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7204	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7226	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.550	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.550	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.700	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.550	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7232	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.025	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.025	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.51	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7254	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.025	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7259	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.065	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.130	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.130	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7260	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.020	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.020	RC1	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.15	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.60	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7261	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.07	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.17	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.60	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7262	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.09	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.020	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.010	RC9	0.39	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.020	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.17	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.59	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7263	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.69	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7265	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.74	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7266	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.020	RC1	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.09	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.51	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7268	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.180	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.090	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.090	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.180	RC9	0.20	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.180	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7269	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.090	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.090	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.180	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.180	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.180	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7270	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.130	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.130	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.065	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.130	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.130	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.065	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7271	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.090	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.180	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.090	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.180	RC9	0.24	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.180	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7272	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.180	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.090	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.090	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.180	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.180	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7273	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.180	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.180	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.180	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.090	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.48	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
7487	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.025	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7496	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
7505	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.025	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.55	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7523	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC1	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC1	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.150	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC1	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.300	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.49	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7533	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7542	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.550	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.550	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.275	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.550	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.275	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.550	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.550	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7551	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.025	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
7560	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.300	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.300	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.300	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
7569	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
7578	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.550	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.275	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.550	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.275	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.550	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.275	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7584	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.120	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.060	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.060	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.120	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7585	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.120	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.060	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.03	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.060	RC9	0.03	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.04	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.060	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.060	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.120	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.29	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.48	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7586	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.51	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7587	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.145	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.073	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.073	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.073	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.073	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.073	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.145	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.073	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7588	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.073	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.073	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.145	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.073	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.073	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7589	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.073	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.073	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.073	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.145	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7655	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.090	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.045	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.090	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.55	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7666	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.090	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.090	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.59	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7675	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.140	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.140	RC9	0.08	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.140	RC1	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.140	RC9	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.56	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7689	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.140	RC9	0.26	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.140	RC9	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.60	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7728	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.090	RC1	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.045	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.090	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.045	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.090	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.51	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7739	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.51	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7740	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.140	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.140	RC9	0.29	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.140	RC9	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.51	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7746	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.140	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.140	RC9	0.24	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.140	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.48	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7819	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.330	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.165	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.330	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.330	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.165	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.330	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7934	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.130	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.130	RC9	0.15	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.130	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.130	RC9	0.15	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.130	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7973	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.165	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.330	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.165	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.330	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.330	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.165	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.330	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8125	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.038	RC9	0.05	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.038	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8151	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.038	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.038	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8186	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.13	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC9	0.13	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.075	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8203	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.038	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.038	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8208	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
8209	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8210	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8212	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.10	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8213	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
8214	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8215	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.15	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.49	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8360	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.065	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.130	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.130	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8449	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8450	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8451	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8452	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8453	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8454	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.025	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8455	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8456	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8457	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.025	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8458	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.025	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8459	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8460	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.025	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.57	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8494	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.130	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.065	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.065	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.065	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.130	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.130	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8495	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.130	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.065	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.130	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.130	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.130	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8496	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.130	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.065	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.130	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8501	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8502	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.025	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8503	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.10	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.025	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8512	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8513	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.025	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.025	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8514	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.025	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.025	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.025	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.025	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8523	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.150	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.300	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8524	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.150	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.300	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8525	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.150	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8526	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.165	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.330	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.165	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.330	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8533	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.100	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8534	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.550	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.275	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.550	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.550	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.550	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8541	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.650	RC9	0.08	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.325	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8542	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8543	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8544	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.550	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
8545	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.325	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.650	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
8546	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
8547	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
8548	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.050	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8549	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8550	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
8551	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
8552	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
8564	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8565	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.550	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.275	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.275	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.275	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.550	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.275	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.550	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8566	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.650	RC9	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.650	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8567	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8568	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8569	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
8570	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.325	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
8571	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
8572	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
8576	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.050	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8577	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8584	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
8585	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
8586	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
8594	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.025	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8595	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.200	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.200	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8596	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.650	RC9	0.08	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.325	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.325	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8597	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8598	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8599	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
8602	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.325	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.650	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
8605	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
8606	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
8607	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.050	RC9	0.03	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8608	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8609	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
8610	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.025	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
8611	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
8628	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8629	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.550	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.550	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.550	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8630	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8631	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8632	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8633	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.550	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
8634	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
8635	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
8636	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
8637	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
8638	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
8641	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.650	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.325	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
8642	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
8645	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.325	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
8648	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
8649	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
8650	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
8655	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
8656	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
8657	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8658	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 o

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						or 2
	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
8670	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.325	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.650	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.325	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.325	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.325	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8671	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
8672	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.325	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
8673	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
8674	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
8675	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
8680	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8681	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
8682	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.200	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.200	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
8683	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
8688	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.650	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.650	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.650	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
8691	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
8692	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
8693	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
8694	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
8695	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
8700	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
8701	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
8705	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8706	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
8715	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.400	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.400	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.400	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.400	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.400	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8716	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
8717	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.400	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.400	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.400	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.400	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.400	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
8718	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
8719	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
8720	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
8725	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8726	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
8817	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.10	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.150	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.300	RC9	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8880	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.050	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.025	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8881	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.025	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
8882	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8883	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8884	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
8885	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
8886	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
8887	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.08	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8888	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8889	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.025	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.025	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.025	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.025	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
8890	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.025	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.025	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
8891	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.025	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
8892	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
8893	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8894	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.050	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.025	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.050	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.025	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8895	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
8896	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
8897	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.025	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
8898	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.025	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
8899	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.08	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8900	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.050	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8903	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.9.1
8906	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
8907	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.025	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.025	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.025	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.025	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
8908	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
8909	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8910	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.025	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8911	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
8912	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.025	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
8913	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8914	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.050	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.050	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
8915	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.16	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.19	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.53	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8916	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.14	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.16	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.025	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.47	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
8917	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.150	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8918	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8919	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.17	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.19	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.025	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.025	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.025	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8920	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8921	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.17	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.21	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.12	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.62	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8922	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.17	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.21	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.12	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.61	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8923	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.16	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.19	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.200	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.58	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8924	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.14	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.16	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.51	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8925	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8926	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.150	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8927	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.17	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.21	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.050	RC9	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.62	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8928	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8929	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.13	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.15	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.47	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8930	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.025	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8931	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.025	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8932	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.050	RC9	0.17	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.19	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.025	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.025	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8933	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.025	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8934	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8935	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.025	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8936	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8937	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
8953	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.550	RC9	0.11	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.550	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.550	RC9	0.11	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.700	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.550	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8974	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.028	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.028	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.028	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.014	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8981	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.028	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.014	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.014	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.028	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
8999	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.014	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.028	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.014	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9051	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.028	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.014	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.014	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.028	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9058	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.028	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.014	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.028	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.014	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9061	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.050	RC9	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.025	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.025	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.81	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9062	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.11	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.025	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.025	RC9	0.03	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.025	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.025	RC9	0.03	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.025	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.00	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9066	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9067	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.025	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9068	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.050	RC9	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.050	RC9	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9072	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9073	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.025	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.025	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9074	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9077	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.18	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.21	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.025	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.025	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.025	RC9	0.00	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.025	RC9	0.07	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.025	RC9	0.07	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.025	RC9	0.01	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.12	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.050	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.38	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.48	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9080	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.18	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.22	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.025	RC9	0.00	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.025	RC9	0.07	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.025	RC9	0.07	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.050	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.025	RC9	0.10	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.050	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.41	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.50	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9081	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.6, 6.2.7 and 6.2.9
	0.050	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9082	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.025	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9083	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.050	RC9	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.12	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.025	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.025	RC9	0.04	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.025	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.025	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.61	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9084	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.14	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.16	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.025	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.025	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.025	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.025	RC9	0.00	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.025	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.025	RC9	0.01	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.33	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.45	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9085	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.12	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.075	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.01	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.02	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.02	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC1	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	0.150	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.02	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.00	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.62	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9086	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.025	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.025	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9087	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9088	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.075	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.075	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.075	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9091	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.220	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.110	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.220	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.220	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.220	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.110	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9092	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9093	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.502	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.251	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.502	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.251	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9094	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.155	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.155	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.42	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9095	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.14	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.14	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.28	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.500	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9096	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.500	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9097	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
9098	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.220	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.110	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.110	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.110	RC9	0.02	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.110	RC9	0.03	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.110	RC9	0.03	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.220	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.220	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.220	RC9	0.03	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.220	RC9	0.36	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.110	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9099	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.500	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9100	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.670	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.335	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.670	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.670	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.335	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.670	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.670	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
9101	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.50	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9102	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.23	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.500	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9103	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.500	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9104	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
9106	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.030	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.030	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.030	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9107	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.030	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.015	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.015	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.030	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.030	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.030	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9114	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.220	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.110	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.220	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.220	RC9	0.13	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.220	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.110	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9115	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9116	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.502	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.251	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.251	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.251	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.20	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.502	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9117	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.155	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.155	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.155	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.155	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.49	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9118	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.20	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9119	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.17	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.17	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9120	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.250	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
9121	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.220	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.110	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.110	RC9	0.01	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.10	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.10	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.220	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.220	RC9	0.17	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.220	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.220	RC9	0.28	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.220	RC9	0.81	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.16	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.16	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.110	RC9	0.75	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9122	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.54	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9123	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.670	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.335	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9124	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.250	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.500	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.72	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9125	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.21	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.17	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9126	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.250	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9127	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
9129	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.030	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.015	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9130	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.030	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.015	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.030	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.030	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.72	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9137	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.220	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.110	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.220	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.220	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.220	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.110	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9138	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.500	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.500	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9139	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.502	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.251	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.502	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9140	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.155	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.078	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.078	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.155	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
9141	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.27	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.500	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9142	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9143	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.01	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.250	RC9	0.00	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.01	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.250	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.04	≤ 1	CS146)	Cross-section check - Bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.250	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
9144	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.220	RC9	0.08	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.15	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.110	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.110	RC9	0.01	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.110	RC9	0.03	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.110	RC9	0.03	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.220	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.220	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.220	RC9	0.03	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.220	RC9	0.39	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.110	RC9	0.44	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
9145	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.250	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9146	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.670	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.335	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.335	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.670	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9147	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.500	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.50	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9148	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.21	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9149	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9150	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.01	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.250	RC9	0.00	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.01	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.250	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.01	≤ 1	CS146)	Cross-section check - Bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.500	RC9	0.02	≤ 1	CS156)	Cross-section check - Bending about z-axis, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.000	RC9	0.00	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.250	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.04	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
9152	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.030	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.030	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.030	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9153	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.030	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.12	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.015	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.030	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.030	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.030	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9160	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.220	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.110	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.110	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.110	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.220	RC9	0.14	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.220	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.110	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9161	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.250	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.500	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9162	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.502	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.251	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.251	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.251	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.502	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.251	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9163	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.155	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.155	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.155	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.45	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9164	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.21	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.500	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9165	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.500	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9166	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.500	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
9167	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.220	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.01	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.09	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.09	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.220	RC9	0.20	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.220	RC9	0.23	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.220	RC9	0.72	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.10	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.15	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.10	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.15	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.110	RC9	0.71	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9168	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.250	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.500	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.58	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9169	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.670	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.335	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.670	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.670	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9170	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.250	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.500	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.64	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
9171	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.14	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9172	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.500	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9173	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.500	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.250	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.250	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
9175	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.030	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.015	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.015	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9176	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.030	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.015	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.015	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.030	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.030	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.69	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9183	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.220	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.110	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.220	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.220	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.220	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.110	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9184	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.49	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9185	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.502	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.251	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.251	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.09	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9186	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.155	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.078	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.078	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.078	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.078	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.078	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9187	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.13	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.250	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.22	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.500	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9188	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.500	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9189	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
9190	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.220	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.110	RC9	0.03	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.110	RC9	0.03	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.110	RC9	0.04	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.110	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.220	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.220	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.220	RC9	0.04	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.220	RC9	0.38	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.15	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.15	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.110	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9191	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.08	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.60	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9192	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.670	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.335	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.335	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
9193	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.500	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.49	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9194	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9195	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.500	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.500	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9196	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
9198	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.030	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.030	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
9199	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.030	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.12	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.015	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.015	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.030	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.030	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.42	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9206	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.025	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9208	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9213	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.350	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9257	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.191	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.096	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.191	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.096	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.191	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9259	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.022	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.011	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.022	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.011	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9289	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.110	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.055	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9290	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.810	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.810	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.810	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.810	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.810	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9291	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.030	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.015	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9292	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.640	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.320	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.320	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.320	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9293	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.030	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.015	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.015	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.030	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.030	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.030	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.030	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9294	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.250	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.250	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.500	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.42	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9295	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.970	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.970	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.970	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.970	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.42	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9296	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.030	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.14	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.14	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.030	RC9	0.28	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9297	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9298	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.970	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.485	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.970	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9299	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.015	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.05	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.030	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9300	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.500	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 o

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.500	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.500	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9301	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.970	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.485	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.485	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.970	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.485	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.970	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9302	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
9303	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
9304	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.970	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.485	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.485	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.485	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.970	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.485	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.970	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
9305	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.015	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.015	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.015	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
9306	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.110	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.055	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.110	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.110	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9307	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.810	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.405	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.405	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.405	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.810	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9308	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.030	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.015	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.030	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.015	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9309	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.307	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.154	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.154	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.307	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.307	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9310	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.030	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.015	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.015	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.030	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.030	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.030	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9311	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.500	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.50	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9312	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.572	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.286	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.286	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.572	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.50	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9313	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.030	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.015	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.015	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.24	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9314	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.500	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.500	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9315	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.970	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.485	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.970	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9316	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.030	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9317	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.500	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.500	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.500	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9318	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.970	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.485	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.485	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.485	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.970	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9319	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
9320	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
9321	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.970	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.485	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.485	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.970	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.485	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.970	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
9322	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.015	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.015	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.015	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
9323	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.110	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.110	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	□1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9324	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.810	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.810	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9325	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.030	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.015	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.015	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.030	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9326	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.640	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9327	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.030	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.030	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9328	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.250	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.49	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9329	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.970	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.485	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.970	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.48	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9330	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.030	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.33	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.12	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.45	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9331	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9332	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.970	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.970	RC9	0.07	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.970	RC9	0.07	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.485	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.970	RC9	0.24	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.970	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.970	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9333	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.030	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.18	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.18	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9334	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.500	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9335	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.970	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.485	RC9	0.07	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.485	RC9	0.07	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.8
	0.970	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.485	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.970	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9336	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.01	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.015	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.01	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
9337	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.500	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.500	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.500	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.500	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
9338	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.970	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.970	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.970	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.970	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
9339	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
9340	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.110	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.110	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.54	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
9341	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.810	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.405	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.52	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9342	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.030	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.015	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.015	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.015	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.015	RC9	0.00	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.015	RC9	0.05	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.015	RC9	0.05	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC9	0.04	≤ 1	CS156)	Cross-section check - Bending about z-axis, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.030	RC9	0.01	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.030	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.030	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.030	RC9	0.01	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.030	RC9	0.16	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9343	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.307	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.154	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.307	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.154	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.154	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.307	RC9	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.307	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9344	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.030	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.015	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.015	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9345	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.250	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.72	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9346	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.572	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.286	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.286	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.572	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.72	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9347	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.030	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.015	RC9	0.05	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.015	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.23	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.030	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.030	RC9	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.63	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9348	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.42	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9349	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.970	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.970	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.970	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.485	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.970	RC9	0.22	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.970	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.42	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9350	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.030	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9351	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9352	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.970	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.485	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.485	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.970	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.485	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.970	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9353	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.01	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.015	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.01	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC9	0.01	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
9418	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.250	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.500	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.500	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.500	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.500	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
9419	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.970	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.970	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.970	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.970	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
9427	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
9428	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.110	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.055	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9436	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.810	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.810	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9437	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.030	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.015	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9463	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.640	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.320	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.320	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9464	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.030	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.015	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.015	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.030	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.015	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.030	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9474	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.500	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9484	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.970	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.970	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.970	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9494	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.300	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.300	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.46	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9495	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.300	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.300	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.300	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9496	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.150	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.150	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9497	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.300	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9498	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9499	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9500	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.200	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.200	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.47	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9501	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.200	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9502	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.6, 6.2.7 and 6.2.9
	0.200	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9503	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9505	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.040	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.040	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.02	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.02	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.03	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.25	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9506	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.040	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.020	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.020	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.020	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.06	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.020	RC9	0.00	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.06	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.040	RC9	0.11	≤ 1	CS146)	Cross-section check - Bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.020	RC9	0.02	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.020	RC9	0.12	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	0.020	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.020	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.28	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9507	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.18	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.18	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9508	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.040	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9509	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.040	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.020	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9510	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.040	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9511	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.040	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9512	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.150	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.300	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9513	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC9	0.10	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.150	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC9	0.10	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.300	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9514	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC9	0.10	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.150	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC9	0.10	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.300	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9515	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9516	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 o

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						or 2
	0.300	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.300	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9517	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9518	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.410	RC1	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.410	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.410	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.410	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.410	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.410	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.410	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9519	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.200	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.200	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9520	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9522	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.410	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.11	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.02	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.205	RC9	0.07	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.205	RC9	0.07	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.410	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.410	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.69	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.70	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9523	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.240	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.240	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.120	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.120	RC9	0.07	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.240	RC9	0.02	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.120	RC9	0.07	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.07	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.240	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.07	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.39	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.42	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9524	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.040	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.11	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.11	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.020	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.020	RC9	0.11	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.52	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9525	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.300	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.57	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
9625	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.410	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.205	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.205	RC9	0.05	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.205	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.205	RC9	0.03	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.205	RC9	0.07	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.205	RC9	0.08	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC1	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.410	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.205	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.37	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.87	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.82	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9626	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.240	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.120	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.120	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.240	RC9	0.02	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.120	RC9	0.07	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.120	RC9	0.08	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.240	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.120	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.09	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.43	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.49	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9627	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.040	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.040	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.05	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.020	RC9	0.07	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.020	RC9	0.09	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.040	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.33	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9628	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.50	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9629	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.410	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.08	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.410	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.205	RC9	0.04	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.410	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.205	RC9	0.04	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.205	RC9	0.06	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.205	RC9	0.07	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC1	0.08	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.205	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.31	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.80	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.76	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9630	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.240	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.120	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.120	RC9	0.05	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.120	RC9	0.06	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.120	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.120	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.55	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9631	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.040	RC9	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.22	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.07	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.020	RC9	0.09	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.020	RC9	0.12	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.020	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.040	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.51	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9632	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.51	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9633	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.07	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.07	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC9	0.00	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.050	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9634	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.350	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.175	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.175	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.350	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9635	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.06	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.025	RC1	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.06	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.06	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC9	0.02	≤ 1	CS156)	Cross-section check - Bending about z-axis, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	0.025	RC1	0.03	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.050	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.050	RC9	0.00	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.050	RC9	0.21	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9636	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.08	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC9	0.08	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.075	RC9	0.09	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.02	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.075	RC9	0.09	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC1	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.150	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9651	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.040	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.020	RC9	0.13	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.040	RC9	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.020	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.020	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.020	RC9	0.13	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.040	RC9	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.040	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.020	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.040	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.040	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9652	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.340	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.340	RC9	0.07	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.170	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.340	RC9	0.07	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.340	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.340	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.340	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9653	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.040	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.040	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.040	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.040	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9654	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.140	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.070	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.140	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.140	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.140	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9679	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.028	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.014	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.028	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.028	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.028	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.014	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9680	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.028	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.028	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.014	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.028	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.028	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9683	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.030	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.28	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.030	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.030	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9695	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.028	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.014	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.028	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.014	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9700	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.500	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9714	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.014	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.028	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.028	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9729	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.028	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.014	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.014	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.028	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9744	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.028	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9755	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.970	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.970	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.970	RC9	0.21	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.970	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9766	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.44	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9767	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.025	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.48	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9768	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.300	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.300	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
9769	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.44	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9770	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9771	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.550	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9772	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9773	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.550	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9774	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.025	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.60	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9775	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.300	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.53	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9776	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9777	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.700	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.700	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9778	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.700	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9794	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.028	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.014	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.03	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.028	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.014	RC9	0.01	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.028	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.00	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.028	RC9	0.13	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9901	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.150	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.300	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9902	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
9903	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.275	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.550	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.275	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9911	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.00	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9912	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9913	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC1	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9914	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.550	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.550	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.275	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.550	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.550	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.275	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.550	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.275	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
9930	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.150	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9931	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9932	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.550	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.550	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.550	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.550	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.550	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.550	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.550	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.275	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
9954	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.015	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.01	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.015	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.01	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC9	0.06	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.06	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.000	RC9	0.24	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	0.030	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						acc. to 6.2.9.1
	0.030	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.06	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.35	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9955	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9956	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.970	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.970	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.485	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.970	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9957	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.01	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.015	RC9	0.00	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.01	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
9958	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.500	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
9959	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.970	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.970	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.970	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.970	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.970	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.485	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
9960	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.015	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.015	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.015	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.030	RC9	0.03	≤ 1	CS146)	Cross-section check - Bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.00	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.030	RC9	0.03	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.00	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
9961	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.110	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.055	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.055	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.055	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.110	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.110	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9962	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.810	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.405	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.810	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.405	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9963	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.09	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.62	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9964	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC9	0.23	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.09	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.13	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9965	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC9	0.29	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.150	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC9	0.29	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.300	RC9	0.10	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.300	RC9	0.33	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.11	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.13	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9966	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.10	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC9	0.10	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.16	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.64	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9967	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.450	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.225	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.225	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.225	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.450	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.58	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9968	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.10	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.58	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9969	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.450	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.225	RC9	0.07	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.225	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.225	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.225	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.225	RC9	0.07	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.225	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.450	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.42	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9970	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC9	0.25	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9971	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.225	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.450	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.450	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.23	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9972	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.10	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9973	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.450	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.225	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.450	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9974	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC1	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9975	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9976	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9977	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9978	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.13	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.18	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.150	RC1	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9979	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.300	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
9981	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.270	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.135	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9982	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.270	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.135	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.270	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.270	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9983	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.270	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.135	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.270	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.270	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.270	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9984	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.060	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.120	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.120	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.060	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9985	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.120	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.060	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.120	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.120	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9987	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.380	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.380	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.380	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.190	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.190	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.380	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.380	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.380	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9988	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.380	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.190	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.380	RC9	0.24	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.380	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9989	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.380	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.380	RC1	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.190	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.380	RC9	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9990	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.190	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.380	RC1	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.190	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.380	RC9	0.13	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.42	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9992	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.030	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.015	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.030	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9993	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.307	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.154	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.154	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.154	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.154	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9994	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.030	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.015	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.030	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.01	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.015	RC9	0.02	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.015	RC9	0.02	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.030	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.030	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.030	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.030	RC9	0.01	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.030	RC9	0.22	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9995	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.50	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9996	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.572	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.286	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.286	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.286	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.572	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.50	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9997	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.030	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.015	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.015	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.22	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9998	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.500	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
9999	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.970	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.485	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.485	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.970	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.970	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.970	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10000	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.030	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.015	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.01	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.01	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC9	0.06	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.25	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.030	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.06	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.37	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10016	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.275	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.550	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.550	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.550	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.550	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.550	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.275	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
10023	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.350	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
10024	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.250	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.250	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
10050	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.191	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.191	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10054	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.022	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.011	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.022	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.011	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.022	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.01	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.01	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10348	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.250	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10349	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.970	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.970	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.485	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.970	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10350	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.030	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.01	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.015	RC9	0.00	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.01	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC9	0.00	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
10351	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.500	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
10352	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.970	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.970	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.970	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.970	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.970	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.485	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
10353	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.030	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.030	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.015	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.015	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.030	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.030	RC9	0.00	≤ 1	CS146)	Cross-section check - Bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.000	RC9	0.00	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.030	RC9	0.03	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
10354	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.110	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.110	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10355	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.810	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.810	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.405	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10356	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.030	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.015	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.015	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.015	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10357	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.640	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.320	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10358	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.030	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10359	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.500	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.45	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10360	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.970	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.970	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.970	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.970	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.970	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC9	0.45	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10361	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.030	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.31	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.030	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.10	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.42	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10362	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10363	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.970	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.485	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.970	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.970	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10364	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.030	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10365	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10366	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.970	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.485	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.485	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.970	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.970	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						acc. to 6.2.9.1
	0.970	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10367	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.015	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.11	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.00	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.015	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.01	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.030	RC9	0.14	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
10368	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
10369	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.970	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.485	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.485	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.970	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
10370	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
10371	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.110	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.110	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.58	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10372	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.810	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.405	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.810	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.405	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.55	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10373	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.030	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.015	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.030	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.030	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.015	RC9	0.01	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.015	RC9	0.04	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.015	RC9	0.04	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.030	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.030	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.030	RC9	0.01	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.030	RC9	0.16	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10374	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.307	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.154	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.307	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10375	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.030	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.015	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.015	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10376	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.250	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.500	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.63	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10377	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.572	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.286	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.286	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.572	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.63	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10378	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.030	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.015	RC9	0.04	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.015	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.030	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.030	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.030	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.48	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10379	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.500	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.500	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10380	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.970	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.970	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.970	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.970	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10381	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.030	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10382	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
10383	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.970	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.485	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.485	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.970	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.970	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.970	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10384	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.015	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.11	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.00	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.015	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.01	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC9	0.02	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.000	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.030	RC9	0.14	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
10385	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
10386	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.970	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.485	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.485	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.970	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
10387	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
10388	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.110	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.055	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.110	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.48	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
10389	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.810	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.810	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.810	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.810	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.405	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.810	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.48	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10390	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.030	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.015	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.11	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.48	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10391	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.640	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.08	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.320	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.320	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.320	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.640	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10392	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.030	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.015	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.030	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.030	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.030	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10393	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.500	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.500	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10394	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.970	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.970	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.970	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.970	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10395	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.030	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.14	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.14	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.22	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10396	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.250	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10397	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.970	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.485	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.485	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.970	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10398	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.015	RC9	0.18	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.015	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.015	RC9	0.18	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.06	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.030	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.030	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10399	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
10400	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.970	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.970	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.485	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.970	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10401	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
10402	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.500	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.500	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.500	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
10403	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.970	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.970	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.485	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.970	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.485	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.970	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.970	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.970	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
10404	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.030	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.015	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
10405	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.110	RC9	0.08	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.055	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.110	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.60	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10406	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.810	RC9	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.405	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.810	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.62	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10407	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.030	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.015	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10408	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.307	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.154	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.307	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10409	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.030	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.015	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.015	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.01	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.015	RC9	0.04	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.015	RC9	0.04	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.030	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.030	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.030	RC9	0.03	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.030	RC9	0.28	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10410	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.250	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.250	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.500	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.500	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.49	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10411	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.572	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.572	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.572	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.572	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.49	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10412	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.030	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.015	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.015	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10413	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.09	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10414	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.970	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.970	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.970	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10415	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.030	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.030	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10416	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.500	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.500	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.500	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
10417	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.970	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.970	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.485	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.970	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10418	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
10419	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.500	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.500	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.500	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
10420	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.970	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.970	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.485	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.970	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.485	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.970	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.970	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.970	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
10421	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.030	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.015	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
10577	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.830	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.830	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.830	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.830	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10578	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.168	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.168	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10579	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.345	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.345	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.172	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.345	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.345	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.42	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10580	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.830	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.415	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.830	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.830	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10581	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.830	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.415	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.830	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.415	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10582	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.168	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.084	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.084	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.084	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.168	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10583	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.345	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.172	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.345	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.49	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
10584	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.830	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.415	RC9	0.08	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.415	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.415	RC9	0.08	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.830	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.830	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.16	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.830	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.830	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.72	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10585	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.830	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.830	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.415	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.830	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10586	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.168	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.168	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10587	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.345	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.172	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.345	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.345	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10588	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.830	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.12	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.415	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.415	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.415	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.830	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10589	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.830	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.415	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.830	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.13	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10590	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.168	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.084	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.168	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10591	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.345	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.172	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.172	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.345	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.45	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10592	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.830	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.415	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.830	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.830	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.830	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.70	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10593	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.830	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.830	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.830	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.830	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.830	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
10594	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.168	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.084	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.23	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10595	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.345	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.345	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.172	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.172	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.345	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10596	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.830	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.12	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.415	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.415	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.415	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.42	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10645	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.191	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.096	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.096	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10650	**Cross-section No. 2 - RO 42.4x4 | EN 10219-2:2006**					
	0.022	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.022	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.011	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.022	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.022	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.022	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10657	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.390	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.195	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10658	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.160	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.160	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.160	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10659	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.390	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.195	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10660	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.160	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.080	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.080	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.080	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.160	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.160	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10661	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.333	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.166	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.166	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.166	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.333	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.333	RC9	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10662	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.398	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.199	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.199	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.12	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.42	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10663	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.390	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.390	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.390	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10664	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.160	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.160	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.160	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10665	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.390	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.195	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.390	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.52	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10666	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.160	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.080	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.080	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.080	RC9	0.05	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.080	RC9	0.05	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.080	RC9	0.07	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC9	0.02	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.000	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.160	RC9	0.05	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.31	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10667	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.333	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.166	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.166	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.166	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
10668	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.398	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.199	RC9	0.05	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.199	RC9	0.06	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.398	RC9	0.18	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.14	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.65	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10669	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.390	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.195	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.390	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10670	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.160	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.160	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.160	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10671	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.390	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.195	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10672	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.160	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.080	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.080	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.160	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.160	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10673	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.333	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.166	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.166	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.166	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.333	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						acc. to 6.2.9.1
	0.333	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10674	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.398	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.199	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.199	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.199	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10675	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.390	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.195	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.195	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10676	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.160	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.160	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.160	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10677	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.390	RC9	0.07	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.55	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10678	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.160	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.080	RC9	0.06	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.080	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.080	RC9	0.06	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.080	RC9	0.04	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.080	RC9	0.07	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.080	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.080	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.33	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
10679	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.333	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.166	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.166	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.166	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.333	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10680	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.398	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.199	RC9	0.04	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.199	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.398	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.398	RC9	0.13	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.08	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.50	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10681	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.390	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.195	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.390	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.390	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.48	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10682	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.160	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.160	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.160	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.160	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.48	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10683	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.390	RC9	0.09	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.195	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.390	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.390	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.62	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10684	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.160	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.080	RC9	0.07	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.080	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.080	RC9	0.07	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.160	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.42	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10685	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.333	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.166	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.166	RC9	0.04	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.166	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.333	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10686	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.398	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.199	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.199	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.398	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10703	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.191	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.191	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.096	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.096	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.191	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10714	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.248	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.124	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.124	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.248	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.248	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10717	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.221	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.111	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.221	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.221	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.111	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.47	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
10874	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10875	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.200	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.200	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10879	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10990	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.200	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10991	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.200	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.200	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
10992	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11008	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.200	RC9	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.42	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11009	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.100	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.100	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11010	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11014	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC9	0.05	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.53	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11015	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.200	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.200	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.200	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.200	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.50	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11016	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.52	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11029	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.200	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.200	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.200	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.400	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.400	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.62	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11034	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.190	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.190	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.380	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.48	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11086	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.49	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
11088	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.380	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.11	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.55	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11094	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.330	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.330	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.330	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.330	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11108	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.550	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.275	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.550	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.550	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.550	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11109	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.330	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.165	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.330	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.330	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.330	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11111	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.330	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.165	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.165	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.330	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.165	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.330	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11113	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.330	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.330	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.330	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.330	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.330	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.165	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11116	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.550	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.550	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.275	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.550	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.550	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.550	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11117	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.330	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.165	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.330	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.330	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11118	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.330	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.165	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.165	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.330	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11120	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.700	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.550	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.700	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.700	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11122	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.700	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.550	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.550	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.550	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.700	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11125	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.330	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.330	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.330	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.330	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.165	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11126	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.109	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.109	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11127	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.049	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.098	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.049	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11129	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.218	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.109	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.218	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.218	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.218	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11131	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.049	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.049	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.049	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.098	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11134	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.049	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.098	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11135	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.218	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.109	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.218	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11136	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.049	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.098	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.049	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.049	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11138	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.095	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.047	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.095	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.047	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11139	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.305	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.305	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.153	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.305	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.305	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.305	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.305	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.305	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
11140	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.12	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.038	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC9	0.12	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.038	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.075	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11141	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.145	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.145	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.095	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.145	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.095	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11142	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.305	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.435	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.435	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11143	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.15	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.038	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC9	0.15	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.038	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.075	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11144	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.095	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.145	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.145	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11145	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.305	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.435	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.435	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						acc. to 6.2.9.1
	0.305	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11146	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.075	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.038	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11147	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.095	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.095	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.145	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.17	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11148	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.305	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.605	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.605	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11149	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.038	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11150	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.145	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.095	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.145	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.095	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.095	RC9	0.10	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11151	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.605	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.305	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.305	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.305	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.305	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.605	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11152	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.038	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.038	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.075	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11153	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.145	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.095	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.095	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.095	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11154	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.435	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.435	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.305	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.435	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.305	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.435	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.435	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11155	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.038	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC9	0.21	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.075	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.44	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11156	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.095	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.047	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.047	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.30	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.095	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.10	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.45	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11157	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.305	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.305	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.153	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.153	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.305	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.305	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.305	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.305	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.48	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11158	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.07	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.012	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.024	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11159	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.012	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.024	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11160	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.010	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.020	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11161	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.020	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 a

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11162	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.022	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.011	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.022	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.022	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.022	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11163	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.011	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.022	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.022	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.022	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.022	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11164	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.040	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.079	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.040	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11165	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.08	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.012	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.024	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11166	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.020	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.010	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11167	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.022	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.022	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.011	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.022	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. t

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.5 and 6.2.8
	0.022	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.022	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.022	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11168	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.024	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.012	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.024	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11169	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.020	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.010	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11170	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.022	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.022	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.022	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.011	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.022	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11171	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.024	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.012	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11172	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.020	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.010	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11173	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.022	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 o

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						or 2
	0.011	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.022	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.022	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.022	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11174	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.079	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.079	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.040	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.040	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.040	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.079	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11175	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.07	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.012	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.024	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11176	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.020	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.020	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11177	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.022	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.011	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.022	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.022	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.022	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11178	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.07	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.012	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
11179	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.020	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11180	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.022	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.011	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.022	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.022	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.022	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11181	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.12	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.012	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11182	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.010	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11183	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.011	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.022	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.022	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.022	RC1	0.07	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.022	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11184	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.040	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.079	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11185	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.024	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.012	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.024	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11186	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.020	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.020	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11187	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.022	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.011	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.022	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.022	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11188	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.079	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.040	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.079	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.040	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11189	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.024	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.012	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11190	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.020	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.010	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.020	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.010	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11191	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.022	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.011	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.011	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.011	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.022	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.022	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.022	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11192	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.024	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.012	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.024	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.012	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.012	RC9	0.01	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.02	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.012	RC9	0.02	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	0.024	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.024	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.024	RC9	0.00	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.024	RC9	0.14	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.60	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11193	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.010	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.010	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.010	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.010	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11194	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.022	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.022	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.9.1
	0.022	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.022	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11195	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.079	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.040	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.040	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.079	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.040	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.040	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.59	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11196	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.079	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.040	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.079	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.040	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.079	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11197	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.040	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.079	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.040	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.040	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11198	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.040	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.079	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.079	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11199	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.040	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.079	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.040	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
11200	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.040	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.079	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.040	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.040	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11201	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.079	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.079	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.079	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.079	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.079	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11342	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.145	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.145	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.073	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.145	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11343	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.145	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.145	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.073	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.45	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11349	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.255	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.127	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.127	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.255	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11350	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.06	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.300	RC9	0.06	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC9	0.10	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.300	RC9	0.33	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						acc. to 6.2.9.1
	0.300	RC9	0.10	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.49	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11351	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.255	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.255	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.255	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.45	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11352	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.145	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.073	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.073	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.145	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11353	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.073	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.145	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.073	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11354	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.073	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.145	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.073	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.073	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11355	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.145	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.073	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.145	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11356	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.145	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.073	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.073	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11362	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.255	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.127	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.127	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.127	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.255	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.255	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11363	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.300	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11364	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.255	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.127	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.127	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.127	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.255	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.255	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11365	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.180	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.090	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.090	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.090	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.180	RC9	0.22	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.180	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11366	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.180	RC9	0.16	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.090	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.180	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.090	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.180	RC9	0.16	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.090	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.180	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.180	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.29	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11367	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.090	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.180	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.090	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.180	RC9	0.27	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.180	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11368	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.180	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.090	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.090	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.090	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.180	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.180	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.32	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11369	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.090	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.180	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11375	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.120	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.060	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.060	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.060	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.120	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11376	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.060	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.120	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.120	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11377	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.100	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11378	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.291	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.291	RC9	0.18	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.146	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.146	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.291	RC9	0.18	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.146	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.291	RC9	0.18	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.291	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.51	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11379	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.291	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.146	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.146	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.291	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.291	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.291	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11380	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.291	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.146	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.146	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.146	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.146	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.291	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11381	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.009	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.009	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.004	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.009	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.004	RC9	0.10	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.004	RC9	0.02	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.004	RC9	0.10	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.009	RC1	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.72	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.68	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11382	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.291	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.146	RC9	0.08	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.291	RC9	0.21	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.291	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.19	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.69	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11383	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.009	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.03	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.004	RC9	0.04	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.06	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC1	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.09	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.07	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.41	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.44	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11384	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.291	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.291	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.44	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11390	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.47	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11391	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.291	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.146	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.146	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.291	RC1	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.291	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.53	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11392	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.291	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.09	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.146	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.291	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.146	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.291	RC9	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.291	RC9	0.20	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.291	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11393	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.291	RC9	0.23	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.291	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.291	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.291	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.291	RC9	0.23	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.291	RC9	0.07	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.291	RC9	0.26	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.291	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11394	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.009	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.10	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.004	RC9	0.07	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.004	RC9	0.04	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.004	RC9	0.08	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.009	RC9	0.27	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.08	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.45	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.44	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11395	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.291	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.146	RC9	0.06	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.146	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.146	RC9	0.06	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.26	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.291	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.45	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
11396	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.34	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.004	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.11	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.04	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.009	RC9	0.06	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.07	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC9	0.34	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.004	RC9	0.11	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.13	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.000	RC9	0.33	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.009	RC9	0.13	≤ 1	CS186)	Cross-section check - Bending, shear, torsion and axial force acc. to 6.2.9.1
	0.000	RC9	0.13	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.53	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.51	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11397	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.291	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.146	RC9	0.19	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.146	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.146	RC9	0.19	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.08	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.146	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.10	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.52	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11403	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.54	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11404	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.457	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.229	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.229	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.229	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.229	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.457	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.53	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11405	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.457	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.457	RC9	0.12	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 o

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						or 2
	0.229	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.229	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.229	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.457	RC9	0.12	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.457	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.457	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11406	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.457	RC9	0.16	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.229	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.229	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.229	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.457	RC9	0.16	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.457	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.457	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.457	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.457	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.42	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11407	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.449	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.224	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.449	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.449	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11408	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.449	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.449	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.449	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.60	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11414	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.457	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.229	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.229	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.229	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.457	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.229	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.457	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.51	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11415	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.457	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.229	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 o

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						or 2
	0.229	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.229	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.229	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.229	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.457	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.229	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.457	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.33	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11416	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.457	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.229	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.229	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.229	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.229	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.457	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11417	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.449	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.224	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.224	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.449	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.61	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11418	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.449	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.224	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.449	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.224	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.449	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.224	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11460	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.049	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.098	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.098	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11461	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.218	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.218	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11462	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.218	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.218	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.218	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.218	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11463	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.098	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.098	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.049	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.049	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.049	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.098	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.098	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11464	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.218	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.218	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.218	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.218	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.218	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.218	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.218	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.468	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11479	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.006	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11480	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.012	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11481	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.006	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.006	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.006	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11483	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.006	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.012	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11485	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.006	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.012	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11487	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.012	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.006	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.006	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11489	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.006	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.012	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.006	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11491	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.012	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11493	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11495	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.012	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.012	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11497	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.012	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.012	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11499	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.012	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.012	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.012	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
11514	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.095	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.190	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.095	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.095	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11515	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.035	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.070	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.035	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11516	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.190	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.095	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.190	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.190	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.095	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11517	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.035	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.070	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.035	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11518	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.070	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.035	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.070	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.070	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.070	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.070	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.035	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11519	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.190	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.09	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.095	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.190	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11520	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.035	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.070	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.035	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.035	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11521	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.035	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.070	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.035	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.035	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11522	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.190	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.190	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.190	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.440	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11523	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.190	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.190	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.190	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.190	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11524	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.070	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.035	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.070	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.035	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.035	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11525	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.440	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.190	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.190	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.440	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.190	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.440	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.440	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.440	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11538	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.030	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.060	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.030	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11539	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.060	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.030	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11540	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.060	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.060	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.030	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11541	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.060	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.060	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11542	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.060	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.060	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.060	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.060	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11543	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.060	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.060	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.18	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11544	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.060	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11545	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.060	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11546	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.060	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.060	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11547	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.060	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.060	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.030	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11548	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.060	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.030	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.060	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11549	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.030	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.030	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.060	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.030	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11562	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.032	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.064	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.032	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11563	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.064	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.21	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11564	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.064	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.064	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.032	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.064	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.032	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.064	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
11565	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.032	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.064	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.064	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.032	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11566	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.064	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.032	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.064	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.032	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.032	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11567	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.064	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.032	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.032	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.48	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11568	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.064	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.064	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.032	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.064	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.064	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.064	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11569	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.032	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.064	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.032	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11570	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.032	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.064	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.064	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11571	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.032	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.064	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.032	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11572	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.032	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.064	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.064	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11573	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.064	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.032	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.064	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.064	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.032	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11586	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.086	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.086	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.086	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.25	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11587	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.086	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.136	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.136	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.086	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11588	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.086	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.043	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.043	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.043	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						and 6.3.1.2(4)
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11589	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.136	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.136	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.136	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.14	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.086	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11590	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.086	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.043	RC9	0.10	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.043	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.086	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.086	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.043	RC9	0.10	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11591	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.086	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.086	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.043	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.043	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.043	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.086	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11592	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.086	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.136	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.136	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.16	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11593	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.136	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.136	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.136	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.086	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.136	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11594	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.086	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.086	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.086	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.086	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11595	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.136	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.086	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.136	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.086	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.27	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11596	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.136	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.086	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.136	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.136	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11597	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.086	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.086	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.043	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.043	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.086	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.15	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.55	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11610	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.055	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.055	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11611	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.055	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.110	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11612	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.110	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.110	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.110	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11613	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.110	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.055	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.110	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.055	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.110	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11614	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.110	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11615	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.055	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.110	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.055	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11616	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.110	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11617	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.110	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.055	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.055	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.110	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.055	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.61	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11618	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.110	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.055	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.110	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.055	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.54	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11619	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.110	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.055	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.47	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11620	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.110	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.110	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.110	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.110	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.45	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11621	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.110	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.110	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.110	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.055	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11622	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.020	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.020	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.020	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.010	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.020	RC1	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.020	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11623	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.110	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.110	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.110	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.110	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.110	RC1	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.110	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.75	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11624	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.110	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.110	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.110	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.110	RC1	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.055	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11625	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.020	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.020	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.010	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.020	RC1	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.020	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11626	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.020	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.010	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.020	RC1	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.010	RC9	0.01	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.04	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.04	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.020	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.020	RC9	0.07	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.020	RC9	0.40	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11627	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.110	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.055	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.48	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11628	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.110	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.110	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.110	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11629	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.110	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.055	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.42	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11630	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.110	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.110	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11631	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.110	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.055	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.110	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.055	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.110	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
11632	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.110	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.110	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.110	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.110	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.38	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11633	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.090	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.06	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.090	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.090	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.090	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11634	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.150	RC9	0.04	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.04	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.150	RC9	0.06	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.150	RC1	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.150	RC9	0.03	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.150	RC9	0.27	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.51	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11635	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.075	RC1	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.42	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11642	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.48	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
11643	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.51	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11644	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.025	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.050	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.050	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.49	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11645	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.150	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.150	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.150	RC9	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.42	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11646	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.300	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.40	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11647	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.62	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11648	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.61	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
11649	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.300	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11652	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.025	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.57	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11657	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.025	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.48	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11658	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.050	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.050	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.49	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11659	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11660	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.038	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC9	0.09	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.075	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11661	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC9	0.15	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.038	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC9	0.15	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.075	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.038	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11662	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.038	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.038	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.075	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11663	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.038	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.39	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11664	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.075	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.56	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11665	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.060	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.06	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.060	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.10	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.60	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11666	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.06	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.060	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.09	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.60	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11667	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.060	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.29	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.030	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.09	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.59	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11673	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.060	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.060	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.75	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11674	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.030	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.09	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.71	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11675	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.060	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.26	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.50	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11676	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.060	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.27	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.49	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11677	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.060	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.030	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.59	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11678	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.060	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.030	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.030	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.060	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.030	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.51	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11679	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.060	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.060	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.11	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11680	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.060	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.51	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11682	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC9	0.08	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.12	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.038	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	1.01	> 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11683	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.05	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.013	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.025	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.18	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.69	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11684	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.038	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.04	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.038	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.04	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.075	RC9	0.01	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.075	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.075	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.52	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11685	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.14	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.51	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11686	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.075	RC1	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.075	RC1	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.075	RC1	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.08	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.038	RC9	0.00	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.08	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.075	RC1	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.000	RC1	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.075	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.29	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.49	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11687	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.20	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.13	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.49	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11688	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.075	RC1	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.075	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.03	≤ 1	CS132)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.00	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC9	0.03	≤ 1	CS139)	Cross-section check - Torsion and resulting shear force acc. to 6.2.7(9)
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS226)	Cross-section check - Biaxial bending, shear, torsion and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.22	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.000	RC9	0.54	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11689	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.025	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.25	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.58	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11690	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.025	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.013	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.025	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.013	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.75	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11691	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.025	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.013	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.09	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.74	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11692	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.025	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.025	RC1	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.013	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.013	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.50	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11693	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.025	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.025	RC1	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11694	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.025	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.025	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.025	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.18	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.60	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11695	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.07	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.21	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.60	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11696	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.09	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.025	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.23	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.59	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11702	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.05	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.52	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11761	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.050	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11762	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.190	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.095	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.095	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.190	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.095	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.095	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.190	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11764	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.190	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.190	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.095	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.190	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.095	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.190	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.095	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.190	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11793	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.070	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.070	RC9	0.15	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.070	RC9	0.15	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11829	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.300	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.15	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.58	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11831	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.07	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.300	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.300	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC9	0.13	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.380	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.13	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.51	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11849	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.400	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.12	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11850	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.08	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.150	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.34	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11852	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.400	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.17	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11853	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11855	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.200	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.200	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.400	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11856	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.10	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.150	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.300	RC9	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.300	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.41	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11858	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.400	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.200	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.400	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.400	RC9	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.400	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.400	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.51	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11859	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.300	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.150	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.150	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.150	RC9	0.03	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.52	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11860	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.050	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.100	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.100	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
11861	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.09	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.22	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11862	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.06	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.11	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.08	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.08	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11863	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.12	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.100	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.000	RC1	0.09	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.09	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.11	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11864	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.13	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.050	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.100	RC9	0.19	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.43	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11865	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.12	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.050	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.02	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.06	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.06	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.36	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11866	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.100	RC9	0.08	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.16	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.100	RC9	0.05	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.07	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST302)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC1	0.07	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.12	≤ 1	ST312)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	0.000	RC9	0.51	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11933	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.140	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.06	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.140	RC1	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.070	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.05	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.05	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.35	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
11945	**Cross-section No. 1 - RO 48.3x3 | EN 10219-2:2006**					
	0.140	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

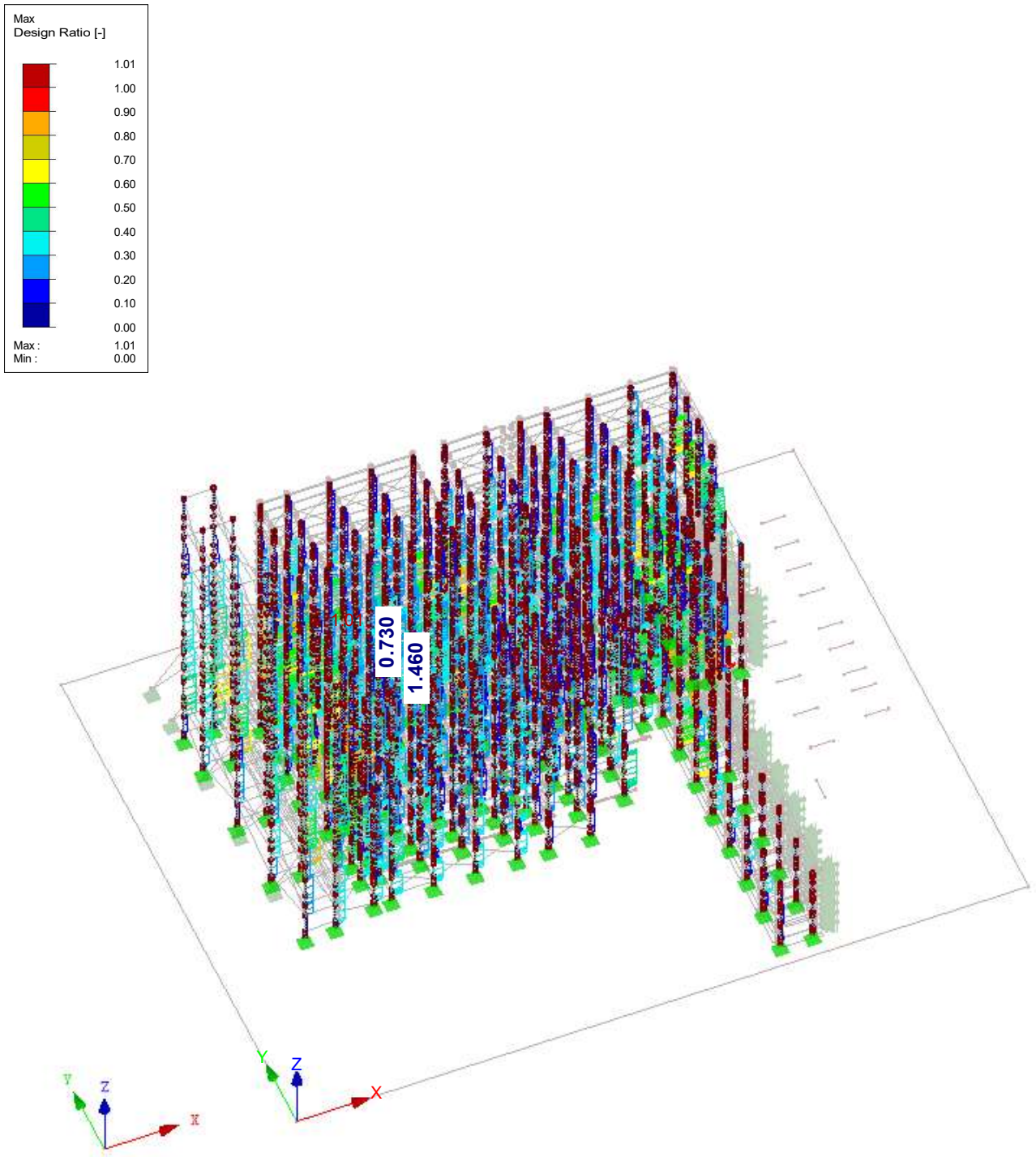
2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.140	RC9	0.08	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.140	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC1	0.04	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC1	0.04	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.30	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

DESIGN RATIO

RF-STEEL EC3 CA1
Ultimate Limit State: Cross-Section Design, Stability Design, Weld Design, Pressure Design, Plastic Design

Isometric



Max Design Ratio: 1.01

RF-STEEL EC3
CA2
Horizontal beams

1.1 GENERAL DATA

Members to design:	73-96,145-163,317-328,355,358,361,364,469-480,507,510,513,516, 581-583,592,605-607,616,701-721,856-859,866-869,876-884,894-933, 986-993,1006-1009,1016,1017,1020-1025,1034-1053,1102-1107,1128-1130, 1145-1147,1162-1164,1181-1183,1223,1234,1235,1268-1277,1301-1303, 1324-1329,1350-1352,1367-1369,1384-1386,1409,1414,1415,1490-1499, 1526-1533,1546-1553,1572,1573,1583-1587,1591,1595,1596,1618-1623, 1636-1641,1692-1694,1701-1703,1740-1742,1749-1751,1786-1788,1795-1797, 1828-1830,1837-1839,1870-1872,1879-1881,1914-1916,1923-1925,1952-1954, 1961-1963,2000-2002,2009-2011,2044-2046,2053-2055,2100-2105,2118-2123, 2174-2176,2183-2185,2222-2224,2231-2233,2268-2270,2277-2279,2310-2312, 2319-2321,2358-2360,2367-2369,2406-2408,2415-2417,2450-2452,2459-2461, 2494-2496,2503-2505,2532-2534,2541-2543,2582,2583,2585,2586,2600, 2602,2603,2605,2656,2657,2665,2667,2704,2705,2713,2715,2747, 2749-2751,2759,2761,2765,2767,2792,2793,2801,2803,2840,2841,2849, 2851,2871,2873,2875,2877,2888,2889,2897,2899,2932,2933,2941,2943, 2976,2977,2985,2987,3014,3015,3023,3025,3054,3055,3063,3065, 3140-3147,3206,3207,3209,3210,3224,3226,3227,3229,3280,3281,3289, 3291,3328,3329,3337,3339,3371,3373-3375,3383,3385,3389,3391,3416, 3417,3425,3427,3464,3465,3473,3475,3495,3497,3499,3501,3512,3513, 3521,3523,3549,3556,3557,3565,3567,3600,3601,3609,3611,3638,3639, 3647,3649,3678,3679,3687,3689,3764-3771,3843,3854,3896,3897,3902, 3903,3966,3967,3990,4013,4034-4036,4069-4071,4092-4094,4115-4117, 4138-4140,4184,4203-4208,4234,4235,4261,4262,4294-4297,4337,4341, 4409,4410,4413,4414,4417,4418,4605-4608,4615,4616,4620,4622-4624, 4629-4638,4881,4890,4901-4963,4978,4981,4988-4991,5172-5178, 5242-5264,5406,5451,5452,5459,5460,5467,5468,5475,5476,5483,5484, 5532-5545,5624-5627,5646-5651,5700-5709,5758-5767,5808,5809,5824, 5842,5843,5860,5861,5874,5888,5902,5903,5916,5917,5930,5931,5940, 5941,5965-5967,5987-5994,5998-6017,6044,6045,6060,6078,6079,6096, 6097,6110,6123,6136,6137,6150,6151,6164,6165,6170-6172,6199-6201, 6221-6228,6232-6251,6293-6304,6356-6363,6449-6460,6512-6519,6772, 6775,6848,6849,7007,7008,7087,7090-7092,7624,7638,7639,7690,7706, 7715,7723,8553-8555,8557,8558,8560,8561,8587-8589,8600,8601,8603, 8604,8612-8614,8639,8640,8643,8644,8646,8647,8662,8663,8684-8687, 8689,8690,8713,8714,8729,8730,8732,8733,8772,8773,8775,8776,8815, 8816,8818,8819,8858,8859,8861,8862,8901,8902,8904,8905,8944,8945, 8947,8948,8987,8988,8990,8991,9030,9031,9033,9034,9105,9108-9113, 9128,9131-9136,9151,9154-9159,9174,9177-9182,9197,9200-9205,9207, 9209-9212,9215,9217,9219-9224,9226,9228-9231,9233,9235-9247,9249, 9255,9256,9258,9260-9265,9267,9269-9272,9274,9276-9288,9991,10027, 10030,10047,10096,10460-10464,10470-10474,10480-10484,10597,10599, 10601-10607,10609,10616,10618,10623,10625,10628,10630-10637,10639, 10641,10643,10644,10646,10648,10653,10655,10688,10693-10695, 10700-10702,10718-10720,10853,10855,10993,10994,10999-11004,11017, 11018,11023-11028,11202-11217,11477,11478,11482,11484,11486,11488, 11490,11492,11494,11496,11498
Sets of members to design:	
National Annex:	CEN
Ultimate Limit State Design Result combinations to design:	RC1 ULS (STR/GEO) - Permanent / transient - Eq. 6.10 RC9 seismos x+
Serviceability Limit State Design Result combinations to design:	RC2 SLS - Characteristic RC3 SLS - Frequent RC4 SLS - Quasi-permanent

1.2 MATERIALS

Matl. No.	Material Description	E- Modulus E [kN/cm²]	Shear Modulus G [kN/cm²]	Poisson's Ratio ν [-]	Yield Stress f_{yk} [kN/cm²]	Max. Thickness t [mm]
1	Steel S 235 | EN 10025-2:2004-11	21000.00	8076.92	0.300	23.50	16.0
					22.50	40.0
					21.50	100.0
					19.50	150.0
					18.50	200.0
					17.50	250.0
					16.50	400.0

RO 48.3x3

1.3 CROSS-SECTIONS

Sect. No.	Matl. No.	Cross-Section Description	Cross-Section Type	Max Design Ratio	Comment
4	1	RO 48.3x3 | EN 10219-2:2006	Pipe	0.50	
5	1	RO 48.3x3 | EN 10219-2:2006	Pipe	0.19	

1.5 EFFECTIVE LENGTHS - MEMBERS

Member No.	Buckling Possible	Buckling About Axis y Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Buckling About Axis z Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Lateral-Torsional Buckling Possible	k_z	k_w	L_w [m]	L_T [m]
73	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
74	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
75	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
76	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
77	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
78	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
79	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
80	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
81	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
82	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
83	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
84	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
85	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
86	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152

1.5 EFFECTIVE LENGTHS - MEMBERS

Member	Buckling	Buckling About Axis y			Buckling About Axis z			Lateral-Torsional Buckling				
No.	Possible	Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Possible	k_z	k_w	L_w [m]	L_T [m]
87	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
88	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
89	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
90	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
91	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
92	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
93	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
94	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
95	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
96	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
145	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
146	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
147	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
148	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
149	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
150	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
151	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
152	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
153	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
154	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
155	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
156	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
157	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
158	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
159	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
160	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
161	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
162	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
163	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
317	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
318	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
319	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
320	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
321	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
322	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
323	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
324	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
325	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
326	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
327	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
328	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
355	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
358	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
361	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
364	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
469	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
470	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
471	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
472	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
473	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
474	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
475	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
476	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
477	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
478	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
479	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
480	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
507	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
510	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
513	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
516	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
581	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
582	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
583	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
592	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
605	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
606	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
607	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
616	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
701	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
702	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
703	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
704	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
705	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
706	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
707	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
708	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
709	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
710	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
711	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
712	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
713	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
714	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
715	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
716	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
717	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
718	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
719	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
720	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
721	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
856	☒	☒	1.00	0.629	☒	1.00	0.629	☐	1.0	1.0	0.629	0.629
857	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
858	☒	☒	1.00	0.629	☒	1.00	0.629	☐	1.0	1.0	0.629	0.629
859	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500

1.5 EFFECTIVE LENGTHS - MEMBERS

Member	Buckling	Buckling About Axis y			Buckling About Axis z			Lateral-Torsional Buckling				
No.	Possible	Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Possible	k_z	k_w	L_w [m]	L_T [m]
866	☒	☒	1.00	0.629	☒	1.00	0.629	☐	1.0	1.0	0.629	0.629
867	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
868	☒	☒	1.00	0.629	☒	1.00	0.629	☐	1.0	1.0	0.629	0.629
869	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
876	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
877	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
878	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
879	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
880	☒	☒	1.00	1.125	☒	1.00	1.125	☐	1.0	1.0	1.125	1.125
881	☒	☒	1.00	1.125	☒	1.00	1.125	☐	1.0	1.0	1.125	1.125
882	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
883	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
884	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
894	☒	☒	1.00	0.629	☒	1.00	0.629	☐	1.0	1.0	0.629	0.629
895	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
896	☒	☒	1.00	0.629	☒	1.00	0.629	☐	1.0	1.0	0.629	0.629
897	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
898	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
899	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
900	☒	☒	1.00	0.375	☒	1.00	0.375	☐	1.0	1.0	0.375	0.375
901	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
902	☒	☒	1.00	1.125	☒	1.00	1.125	☐	1.0	1.0	1.125	1.125
903	☒	☒	1.00	1.125	☒	1.00	1.125	☐	1.0	1.0	1.125	1.125
904	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
905	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
906	☒	☒	1.00	0.629	☒	1.00	0.629	☐	1.0	1.0	0.629	0.629
907	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
908	☒	☒	1.00	0.629	☒	1.00	0.629	☐	1.0	1.0	0.629	0.629
909	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
910	☒	☒	1.00	1.339	☒	1.00	1.339	☐	1.0	1.0	1.339	1.339
911	☒	☒	1.00	1.339	☒	1.00	1.339	☐	1.0	1.0	1.339	1.339
912	☒	☒	1.00	0.161	☒	1.00	0.161	☐	1.0	1.0	0.161	0.161
913	☒	☒	1.00	0.161	☒	1.00	0.161	☐	1.0	1.0	0.161	0.161
914	☒	☒	1.00	1.125	☒	1.00	1.125	☐	1.0	1.0	1.125	1.125
915	☒	☒	1.00	1.125	☒	1.00	1.125	☐	1.0	1.0	1.125	1.125
916	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
917	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
918	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
919	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
920	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
921	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
922	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
923	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
924	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
925	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
926	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
927	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
928	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
929	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
930	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
931	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
932	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
933	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
986	☒	☒	1.00	0.629	☒	1.00	0.629	☐	1.0	1.0	0.629	0.629
987	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
988	☒	☒	1.00	0.629	☒	1.00	0.629	☐	1.0	1.0	0.629	0.629
989	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
990	☒	☒	1.00	0.629	☒	1.00	0.629	☐	1.0	1.0	0.629	0.629
991	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
992	☒	☒	1.00	0.629	☒	1.00	0.629	☐	1.0	1.0	0.629	0.629
993	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
1006	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
1007	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
1008	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
1009	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
1016	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
1017	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
1020	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
1021	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
1022	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
1023	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
1024	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
1025	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
1034	☒	☒	1.00	0.629	☒	1.00	0.629	☐	1.0	1.0	0.629	0.629
1035	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
1036	☒	☒	1.00	0.629	☒	1.00	0.629	☐	1.0	1.0	0.629	0.629
1037	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
1038	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
1039	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
1040	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
1041	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
1042	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
1043	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
1044	☒	☒	1.00	0.629	☒	1.00	0.629	☐	1.0	1.0	0.629	0.629
1045	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
1046	☒	☒	1.00	0.629	☒	1.00	0.629	☐	1.0	1.0	0.629	0.629
1047	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
1048	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
1049	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
1050	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
1051	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
1052	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
1053	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
1102	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152

1.5 EFFECTIVE LENGTHS - MEMBERS

Member	Buckling	Buckling About Axis y			Buckling About Axis z			Lateral-Torsional Buckling				
No.	Possible	Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Possible	k_z	k_w	L_w [m]	L_T [m]
1103	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1104	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1105	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1106	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1107	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1128	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1129	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1130	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1145	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1146	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1147	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1162	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1163	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1164	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1181	☒	☒	1.00	0.387	☒	1.00	0.387	☐	1.0	1.0	0.387	0.387
1182	☒	☒	1.00	0.617	☒	1.00	0.617	☐	1.0	1.0	0.617	0.617
1183	☒	☒	1.00	0.310	☒	1.00	0.310	☐	1.0	1.0	0.310	0.310
1223	☒	☒	1.00	0.387	☒	1.00	0.387	☐	1.0	1.0	0.387	0.387
1234	☒	☒	1.00	0.617	☒	1.00	0.617	☐	1.0	1.0	0.617	0.617
1235	☒	☒	1.00	0.310	☒	1.00	0.310	☐	1.0	1.0	0.310	0.310
1268	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1269	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1270	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1271	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1272	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1273	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1274	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1275	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1276	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1277	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1301	☒	☒	1.00	0.387	☒	1.00	0.387	☐	1.0	1.0	0.387	0.387
1302	☒	☒	1.00	0.617	☒	1.00	0.617	☐	1.0	1.0	0.617	0.617
1303	☒	☒	1.00	0.310	☒	1.00	0.310	☐	1.0	1.0	0.310	0.310
1324	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1325	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1326	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1327	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1328	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1329	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1350	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1351	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1352	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1367	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1368	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1369	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1384	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1385	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1386	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1409	☒	☒	1.00	0.387	☒	1.00	0.387	☐	1.0	1.0	0.387	0.387
1414	☒	☒	1.00	0.617	☒	1.00	0.617	☐	1.0	1.0	0.617	0.617
1415	☒	☒	1.00	0.310	☒	1.00	0.310	☐	1.0	1.0	0.310	0.310
1490	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1491	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1492	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1493	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1494	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1495	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1496	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1497	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1498	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1499	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1526	☒	☒	1.00	0.960	☒	1.00	0.960	☐	1.0	1.0	0.960	0.960
1527	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
1528	☒	☒	1.00	0.960	☒	1.00	0.960	☐	1.0	1.0	0.960	0.960
1529	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
1530	☒	☒	1.00	0.960	☒	1.00	0.960	☐	1.0	1.0	0.960	0.960
1531	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
1532	☒	☒	1.00	0.960	☒	1.00	0.960	☐	1.0	1.0	0.960	0.960
1533	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
1546	☒	☒	1.00	0.960	☒	1.00	0.960	☐	1.0	1.0	0.960	0.960
1547	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
1548	☒	☒	1.00	0.960	☒	1.00	0.960	☐	1.0	1.0	0.960	0.960
1549	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
1550	☒	☒	1.00	0.960	☒	1.00	0.960	☐	1.0	1.0	0.960	0.960
1551	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
1552	☒	☒	1.00	0.960	☒	1.00	0.960	☐	1.0	1.0	0.960	0.960
1553	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
1572	☒	☒	1.00	0.161	☒	1.00	0.161	☐	1.0	1.0	0.161	0.161
1573	☒	☒	1.00	0.161	☒	1.00	0.161	☐	1.0	1.0	0.161	0.161
1583	☒	☒	1.00	1.125	☒	1.00	1.125	☐	1.0	1.0	1.125	1.125
1584	☒	☒	1.00	0.161	☒	1.00	0.161	☐	1.0	1.0	0.161	0.161
1585	☒	☒	1.00	0.161	☒	1.00	0.161	☐	1.0	1.0	0.161	0.161
1586	☒	☒	1.00	1.179	☒	1.00	1.179	☐	1.0	1.0	1.179	1.179
1587	☒	☒	1.00	1.179	☒	1.00	1.179	☐	1.0	1.0	1.179	1.179
1591	☒	☒	1.00	2.326	☒	1.00	2.326	☐	1.0	1.0	2.326	2.326
1595	☒	☒	1.00	1.861	☒	1.00	1.861	☐	1.0	1.0	1.861	1.861
1596	☒	☒	1.00	1.861	☒	1.00	1.861	☐	1.0	1.0	1.861	1.861
1618	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1619	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1620	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1621	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1622	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1623	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1636	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152

1.5 EFFECTIVE LENGTHS - MEMBERS

Member No.	Buckling Possible	Buckling About Axis y Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Buckling About Axis z Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Lateral-Torsional Buckling Possible	k_z	k_w	L_w [m]	L_T [m]
1637	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1638	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1639	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1640	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1641	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1692	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1693	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1694	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1701	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1702	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1703	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1740	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1741	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1742	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1749	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1750	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1751	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1786	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1787	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1788	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1795	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1796	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1797	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1828	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1829	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1830	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1837	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1838	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1839	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1870	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1871	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1872	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1879	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1880	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1881	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1914	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1915	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1916	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1923	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1924	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1925	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1952	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1953	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1954	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1961	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1962	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
1963	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2000	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2001	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2002	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2009	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2010	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2011	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2044	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2045	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2046	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2053	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2054	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2055	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2100	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2101	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2102	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2103	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2104	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2105	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2118	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2119	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2120	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2121	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2122	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2123	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2174	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2175	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2176	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2183	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2184	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2185	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2222	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2223	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2224	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2231	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2232	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2233	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2268	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2269	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2270	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2277	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2278	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2279	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2310	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2311	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2312	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2319	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2320	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152

1.5 EFFECTIVE LENGTHS - MEMBERS

Member	Buckling	Buckling About Axis y			Buckling About Axis z			Lateral-Torsional Buckling				
No.	Possible	Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Possible	k_z	k_w	L_w [m]	L_T [m]
2321	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2358	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2359	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2360	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2367	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2368	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2369	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2406	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2407	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2408	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2415	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2416	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2417	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2450	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2451	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2452	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2459	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2460	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2461	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2494	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2495	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2496	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2503	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2504	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2505	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2532	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2533	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2534	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2541	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2542	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2543	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2582	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2583	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2585	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2586	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2600	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2602	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2603	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2605	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2656	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2657	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2665	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2667	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2704	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2705	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2713	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2715	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2747	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2749	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2750	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2751	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2759	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2761	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2765	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2767	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2792	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2793	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2801	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2803	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2840	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2841	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2849	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2851	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2871	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2873	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2875	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2877	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2888	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2889	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2897	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2899	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2932	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2933	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2941	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2943	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2976	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2977	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2985	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
2987	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3014	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3015	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3023	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3025	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3054	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3055	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3063	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3065	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3140	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3141	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3142	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3143	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3144	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3145	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3146	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152

1.5 EFFECTIVE LENGTHS - MEMBERS

Member	Buckling	Buckling About Axis y			Buckling About Axis z			Lateral-Torsional Buckling				
No.	Possible	Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Possible	k_z	k_w	L_w [m]	L_T [m]
3147	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3206	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3207	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3209	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3210	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3224	☒	☒	1.00	0.024	☒	1.00	0.024	☐	1.0	1.0	0.024	0.024
3226	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3227	☒	☒	1.00	0.024	☒	1.00	0.024	☐	1.0	1.0	0.024	0.024
3229	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3280	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3281	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3289	☒	☒	1.00	0.024	☒	1.00	0.024	☐	1.0	1.0	0.024	0.024
3291	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3328	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3329	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3337	☒	☒	1.00	0.024	☒	1.00	0.024	☐	1.0	1.0	0.024	0.024
3339	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3371	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3373	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3374	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3375	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3383	☒	☒	1.00	0.024	☒	1.00	0.024	☐	1.0	1.0	0.024	0.024
3385	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3389	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3391	☒	☒	1.00	0.952	☒	1.00	0.952	☐	1.0	1.0	0.952	0.952
3416	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3417	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3425	☒	☒	1.00	0.024	☒	1.00	0.024	☐	1.0	1.0	0.024	0.024
3427	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3464	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3465	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3473	☒	☒	1.00	0.024	☒	1.00	0.024	☐	1.0	1.0	0.024	0.024
3475	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3495	☒	☒	1.00	0.952	☒	1.00	0.952	☐	1.0	1.0	0.952	0.952
3497	☒	☒	1.00	0.952	☒	1.00	0.952	☐	1.0	1.0	0.952	0.952
3499	☒	☒	1.00	0.952	☒	1.00	0.952	☐	1.0	1.0	0.952	0.952
3501	☒	☒	1.00	0.952	☒	1.00	0.952	☐	1.0	1.0	0.952	0.952
3512	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3513	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3521	☒	☒	1.00	0.024	☒	1.00	0.024	☐	1.0	1.0	0.024	0.024
3523	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3549	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3556	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3557	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3565	☒	☒	1.00	0.024	☒	1.00	0.024	☐	1.0	1.0	0.024	0.024
3567	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3600	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3601	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3609	☒	☒	1.00	0.024	☒	1.00	0.024	☐	1.0	1.0	0.024	0.024
3611	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3638	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3639	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3647	☒	☒	1.00	0.024	☒	1.00	0.024	☐	1.0	1.0	0.024	0.024
3649	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3678	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3679	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3687	☒	☒	1.00	0.024	☒	1.00	0.024	☐	1.0	1.0	0.024	0.024
3689	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3764	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3765	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3766	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3767	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3768	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3769	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3770	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3771	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3843	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3854	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3896	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3897	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3902	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3903	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3966	☒	☒	1.00	0.842	☒	1.00	0.842	☐	1.0	1.0	0.842	0.842
3967	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
3990	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4013	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4034	☒	☒	1.00	0.147	☒	1.00	0.147	☐	1.0	1.0	0.147	0.147
4035	☒	☒	1.00	0.842	☒	1.00	0.842	☐	1.0	1.0	0.842	0.842
4036	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4069	☒	☒	1.00	0.147	☒	1.00	0.147	☐	1.0	1.0	0.147	0.147
4070	☒	☒	1.00	0.842	☒	1.00	0.842	☐	1.0	1.0	0.842	0.842
4071	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4092	☒	☒	1.00	0.147	☒	1.00	0.147	☐	1.0	1.0	0.147	0.147
4093	☒	☒	1.00	0.842	☒	1.00	0.842	☐	1.0	1.0	0.842	0.842
4094	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4115	☒	☒	1.00	0.147	☒	1.00	0.147	☐	1.0	1.0	0.147	0.147
4116	☒	☒	1.00	0.842	☒	1.00	0.842	☐	1.0	1.0	0.842	0.842
4117	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4138	☒	☒	1.00	0.147	☒	1.00	0.147	☐	1.0	1.0	0.147	0.147
4139	☒	☒	1.00	0.842	☒	1.00	0.842	☐	1.0	1.0	0.842	0.842
4140	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4184	☒	☒	1.00	0.952	☒	1.00	0.952	☐	1.0	1.0	0.952	0.952
4203	☒	☒	1.00	0.952	☒	1.00	0.952	☐	1.0	1.0	0.952	0.952
4204	☒	☒	1.00	0.952	☒	1.00	0.952	☐	1.0	1.0	0.952	0.952

1.5 EFFECTIVE LENGTHS - MEMBERS

Member No.	Buckling Possible	Buckling About Axis y Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Buckling About Axis z Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Lateral-Torsional Buckling Possible	k_z	k_w	L_w [m]	L_T [m]
4205	☒	☒	1.00	0.952	☒	1.00	0.952	☐	1.0	1.0	0.952	0.952
4206	☒	☒	1.00	0.952	☒	1.00	0.952	☐	1.0	1.0	0.952	0.952
4207	☒	☒	1.00	0.952	☒	1.00	0.952	☐	1.0	1.0	0.952	0.952
4208	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4234	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4235	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4261	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4262	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4294	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4295	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4296	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4297	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4337	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4341	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4409	☒	☒	1.00	0.952	☒	1.00	0.952	☐	1.0	1.0	0.952	0.952
4410	☒	☒	1.00	0.952	☒	1.00	0.952	☐	1.0	1.0	0.952	0.952
4413	☒	☒	1.00	0.952	☒	1.00	0.952	☐	1.0	1.0	0.952	0.952
4414	☒	☒	1.00	0.952	☒	1.00	0.952	☐	1.0	1.0	0.952	0.952
4417	☒	☒	1.00	0.952	☒	1.00	0.952	☐	1.0	1.0	0.952	0.952
4418	☒	☒	1.00	0.952	☒	1.00	0.952	☐	1.0	1.0	0.952	0.952
4605	☒	☒	1.00	0.629	☒	1.00	0.629	☐	1.0	1.0	0.629	0.629
4606	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
4607	☒	☒	1.00	0.629	☒	1.00	0.629	☐	1.0	1.0	0.629	0.629
4608	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
4615	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
4616	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
4620	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
4622	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
4623	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
4624	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
4629	☒	☒	1.00	0.629	☒	1.00	0.629	☐	1.0	1.0	0.629	0.629
4630	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
4631	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
4632	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
4633	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
4634	☒	☒	1.00	0.629	☒	1.00	0.629	☐	1.0	1.0	0.629	0.629
4635	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
4636	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
4637	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
4638	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
4881	☒	☒	1.00	0.952	☒	1.00	0.952	☐	1.0	1.0	0.952	0.952
4890	☒	☒	1.00	0.952	☒	1.00	0.952	☐	1.0	1.0	0.952	0.952
4901	☒	☒	1.00	0.952	☒	1.00	0.952	☐	1.0	1.0	0.952	0.952
4902	☒	☒	1.00	0.952	☒	1.00	0.952	☐	1.0	1.0	0.952	0.952
4903	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4904	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4905	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4906	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4907	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4908	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4909	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4910	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4911	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4912	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4913	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4914	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4915	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4916	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4917	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4918	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4919	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4920	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4921	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4922	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4923	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4924	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4925	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4926	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4927	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4928	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4929	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4930	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4931	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4932	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4933	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4934	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4935	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4936	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4937	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4938	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4939	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4940	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4941	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4942	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4943	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4944	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4945	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4946	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4947	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4948	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4949	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4950	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4951	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4952	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152

1.5 EFFECTIVE LENGTHS - MEMBERS

Member No.	Buckling Possible	Buckling About Axis y			Buckling About Axis z			Lateral-Torsional Buckling				
		Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Possible	k_z	k_w	L_w [m]	L_T [m]
4953	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4954	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4955	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4956	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4957	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4958	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4959	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4960	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4961	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4962	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4963	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4978	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4981	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4988	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4989	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4990	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
4991	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
5172	☒	☒	1.00	0.952	☒	1.00	0.952	☐	1.0	1.0	0.952	0.952
5173	☒	☒	1.00	0.952	☒	1.00	0.952	☐	1.0	1.0	0.952	0.952
5174	☒	☒	1.00	0.952	☒	1.00	0.952	☐	1.0	1.0	0.952	0.952
5175	☒	☒	1.00	0.952	☒	1.00	0.952	☐	1.0	1.0	0.952	0.952
5176	☒	☒	1.00	0.952	☒	1.00	0.952	☐	1.0	1.0	0.952	0.952
5177	☒	☒	1.00	0.952	☒	1.00	0.952	☐	1.0	1.0	0.952	0.952
5178	☒	☒	1.00	0.952	☒	1.00	0.952	☐	1.0	1.0	0.952	0.952
5242	☒	☒	1.00	0.952	☒	1.00	0.952	☐	1.0	1.0	0.952	0.952
5243	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
5244	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
5245	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
5246	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
5247	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
5248	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
5249	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
5250	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
5251	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
5252	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
5253	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
5254	☒	☒	1.00	0.952	☒	1.00	0.952	☐	1.0	1.0	0.952	0.952
5255	☒	☒	1.00	0.952	☒	1.00	0.952	☐	1.0	1.0	0.952	0.952
5256	☒	☒	1.00	0.952	☒	1.00	0.952	☐	1.0	1.0	0.952	0.952
5257	☒	☒	1.00	0.952	☒	1.00	0.952	☐	1.0	1.0	0.952	0.952
5258	☒	☒	1.00	0.952	☒	1.00	0.952	☐	1.0	1.0	0.952	0.952
5259	☒	☒	1.00	0.952	☒	1.00	0.952	☐	1.0	1.0	0.952	0.952
5260	☒	☒	1.00	0.952	☒	1.00	0.952	☐	1.0	1.0	0.952	0.952
5261	☒	☒	1.00	0.952	☒	1.00	0.952	☐	1.0	1.0	0.952	0.952
5262	☒	☒	1.00	0.952	☒	1.00	0.952	☐	1.0	1.0	0.952	0.952
5263	☒	☒	1.00	0.952	☒	1.00	0.952	☐	1.0	1.0	0.952	0.952
5264	☒	☒	1.00	0.952	☒	1.00	0.952	☐	1.0	1.0	0.952	0.952
5406	☒	☒	1.00	1.861	☒	1.00	1.861	☐	1.0	1.0	1.861	1.861
5451	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
5452	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
5459	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
5460	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
5467	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
5468	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
5475	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
5476	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
5483	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
5484	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
5532	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
5533	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
5534	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
5535	☒	☒	1.00	0.629	☒	1.00	0.629	☐	1.0	1.0	0.629	0.629
5536	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
5537	☒	☒	1.00	0.629	☒	1.00	0.629	☐	1.0	1.0	0.629	0.629
5538	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
5539	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
5540	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
5541	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
5542	☒	☒	1.00	0.629	☒	1.00	0.629	☐	1.0	1.0	0.629	0.629
5543	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
5544	☒	☒	1.00	0.629	☒	1.00	0.629	☐	1.0	1.0	0.629	0.629
5545	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
5624	☒	☒	1.00	0.629	☒	1.00	0.629	☐	1.0	1.0	0.629	0.629
5625	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
5626	☒	☒	1.00	0.629	☒	1.00	0.629	☐	1.0	1.0	0.629	0.629
5627	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
5646	☒	☒	1.00	0.775	☒	1.00	0.775	☐	1.0	1.0	0.775	0.775
5647	☒	☒	1.00	0.775	☒	1.00	0.775	☐	1.0	1.0	0.775	0.775
5648	☒	☒	1.00	0.775	☒	1.00	0.775	☐	1.0	1.0	0.775	0.775
5649	☒	☒	1.00	0.775	☒	1.00	0.775	☐	1.0	1.0	0.775	0.775
5650	☒	☒	1.00	0.775	☒	1.00	0.775	☐	1.0	1.0	0.775	0.775
5651	☒	☒	1.00	0.775	☒	1.00	0.775	☐	1.0	1.0	0.775	0.775
5700	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
5701	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
5702	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
5703	☒	☒	1.00	0.629	☒	1.00	0.629	☐	1.0	1.0	0.629	0.629
5704	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
5705	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
5706	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
5707	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
5708	☒	☒	1.00	0.629	☒	1.00	0.629	☐	1.0	1.0	0.629	0.629
5709	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
5758	☒	☒	1.00	0.629	☒	1.00	0.629	☐	1.0	1.0	0.629	0.629
5759	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500

1.5 EFFECTIVE LENGTHS - MEMBERS

Member No.	Buckling Possible	Buckling About Axis y Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Buckling About Axis z Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Lateral-Torsional Buckling Possible	k_z	k_w	L_w [m]	L_T [m]
5760	☒	☒	1.00	0.629	☒	1.00	0.629	☐	1.0	1.0	0.629	0.629
5761	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
5762	☒	☒	1.00	0.952	☒	1.00	0.952	☐	1.0	1.0	0.952	0.952
5763	☒	☒	1.00	0.952	☒	1.00	0.952	☐	1.0	1.0	0.952	0.952
5764	☒	☒	1.00	0.952	☒	1.00	0.952	☐	1.0	1.0	0.952	0.952
5765	☒	☒	1.00	0.952	☒	1.00	0.952	☐	1.0	1.0	0.952	0.952
5766	☒	☒	1.00	0.952	☒	1.00	0.952	☐	1.0	1.0	0.952	0.952
5767	☒	☒	1.00	0.952	☒	1.00	0.952	☐	1.0	1.0	0.952	0.952
5808	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
5809	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
5824	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
5842	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
5843	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
5860	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
5861	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
5874	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
5888	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
5902	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
5903	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
5916	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
5917	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
5930	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
5931	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
5940	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
5941	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
5965	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
5966	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
5967	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
5987	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
5988	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
5989	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
5990	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
5991	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
5992	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
5993	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
5994	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
5998	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
5999	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6000	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6001	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
6002	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
6003	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
6004	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
6005	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6006	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6007	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6008	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
6009	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
6010	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
6011	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
6012	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6013	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6014	☒	☒	1.00	0.960	☒	1.00	0.960	☐	1.0	1.0	0.960	0.960
6015	☒	☒	1.00	0.960	☒	1.00	0.960	☐	1.0	1.0	0.960	0.960
6016	☒	☒	1.00	0.960	☒	1.00	0.960	☐	1.0	1.0	0.960	0.960
6017	☒	☒	1.00	0.960	☒	1.00	0.960	☐	1.0	1.0	0.960	0.960
6044	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6045	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6060	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6078	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6079	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6096	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6097	☒	☒	1.00	0.002	☒	1.00	0.002	☐	1.0	1.0	0.002	0.002
6110	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6123	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6136	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6137	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6150	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6151	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6164	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6165	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6170	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6171	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6172	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6199	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6200	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6201	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6221	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6222	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6223	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
6224	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
6225	☒	☒	1.00	0.002	☒	1.00	0.002	☐	1.0	1.0	0.002	0.002
6226	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6227	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
6228	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
6232	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6233	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6234	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6235	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
6236	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
6237	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
6238	☒	☒	1.00	1.200	☒	1.00	1.200	☐	1.0	1.0	1.200	1.200
6239	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6240	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152

1.5 EFFECTIVE LENGTHS - MEMBERS

Member	Buckling	Buckling About Axis y			Buckling About Axis z			Lateral-Torsional Buckling				
No.	Possible	Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Possible	k_z	k_w	L_w [m]	L_T [m]
6241	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6242	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
6243	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
6244	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
6245	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
6246	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6247	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6248	☒	☒	1.00	0.960	☒	1.00	0.960	☐	1.0	1.0	0.960	0.960
6249	☒	☒	1.00	0.960	☒	1.00	0.960	☐	1.0	1.0	0.960	0.960
6250	☒	☒	1.00	0.960	☒	1.00	0.960	☐	1.0	1.0	0.960	0.960
6251	☒	☒	1.00	0.960	☒	1.00	0.960	☐	1.0	1.0	0.960	0.960
6293	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6294	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6295	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6296	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6297	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6298	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6299	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6300	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6301	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6302	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6303	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6304	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6356	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6357	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6358	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6359	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6360	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6361	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6362	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6363	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6449	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6450	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6451	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6452	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6453	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6454	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6455	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6456	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6457	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6458	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6459	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6460	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6512	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6513	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6514	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6515	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6516	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6517	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6518	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6519	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6772	☒	☒	1.00	0.182	☒	1.00	0.182	☐	1.0	1.0	0.182	0.182
6775	☒	☒	1.00	1.128	☒	1.00	1.128	☐	1.0	1.0	1.128	1.128
6848	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
6849	☒	☒	1.00	0.952	☒	1.00	0.952	☐	1.0	1.0	0.952	0.952
7007	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
7008	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
7087	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
7090	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
7091	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
7092	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
7624	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
7638	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
7639	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
7690	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
7706	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
7715	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
7723	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
8553	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
8554	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
8555	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
8557	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
8558	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
8560	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
8561	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
8587	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
8588	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
8589	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
8600	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
8601	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
8603	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
8604	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
8612	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
8613	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
8614	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
8639	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
8640	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
8643	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
8644	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
8646	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
8647	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
8662	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
8663	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
8684	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152

1.5 EFFECTIVE LENGTHS - MEMBERS

Member No.	Buckling Possible	Buckling About Axis y			Buckling About Axis z			Lateral-Torsional Buckling				
		Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Possible	k_z	k_w	L_w [m]	L_T [m]
8685	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
8686	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
8687	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
8689	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
8690	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
8713	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
8714	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
8729	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
8730	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
8732	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
8733	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
8772	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
8773	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
8775	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
8776	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
8815	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
8816	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
8818	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
8819	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
8858	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
8859	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
8861	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
8862	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
8901	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
8902	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
8904	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
8905	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
8944	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
8945	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
8947	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
8948	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
8987	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
8988	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
8990	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
8991	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
9030	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
9031	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
9033	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
9034	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
9105	☒	☒	1.00	1.090	☒	1.00	1.090	☐	1.0	1.0	1.090	1.090
9108	☒	☒	1.00	1.090	☒	1.00	1.090	☐	1.0	1.0	1.090	1.090
9109	☒	☒	1.00	1.090	☒	1.00	1.090	☐	1.0	1.0	1.090	1.090
9110	☒	☒	1.00	1.090	☒	1.00	1.090	☐	1.0	1.0	1.090	1.090
9111	☒	☒	1.00	1.090	☒	1.00	1.090	☐	1.0	1.0	1.090	1.090
9112	☒	☒	1.00	1.090	☒	1.00	1.090	☐	1.0	1.0	1.090	1.090
9113	☒	☒	1.00	1.090	☒	1.00	1.090	☐	1.0	1.0	1.090	1.090
9128	☒	☒	1.00	1.090	☒	1.00	1.090	☐	1.0	1.0	1.090	1.090
9131	☒	☒	1.00	1.090	☒	1.00	1.090	☐	1.0	1.0	1.090	1.090
9132	☒	☒	1.00	1.090	☒	1.00	1.090	☐	1.0	1.0	1.090	1.090
9133	☒	☒	1.00	1.090	☒	1.00	1.090	☐	1.0	1.0	1.090	1.090
9134	☒	☒	1.00	1.090	☒	1.00	1.090	☐	1.0	1.0	1.090	1.090
9135	☒	☒	1.00	1.090	☒	1.00	1.090	☐	1.0	1.0	1.090	1.090
9136	☒	☒	1.00	1.090	☒	1.00	1.090	☐	1.0	1.0	1.090	1.090
9151	☒	☒	1.00	1.090	☒	1.00	1.090	☐	1.0	1.0	1.090	1.090
9154	☒	☒	1.00	1.090	☒	1.00	1.090	☐	1.0	1.0	1.090	1.090
9155	☒	☒	1.00	1.090	☒	1.00	1.090	☐	1.0	1.0	1.090	1.090
9156	☒	☒	1.00	1.090	☒	1.00	1.090	☐	1.0	1.0	1.090	1.090
9157	☒	☒	1.00	1.090	☒	1.00	1.090	☐	1.0	1.0	1.090	1.090
9158	☒	☒	1.00	1.090	☒	1.00	1.090	☐	1.0	1.0	1.090	1.090
9159	☒	☒	1.00	1.090	☒	1.00	1.090	☐	1.0	1.0	1.090	1.090
9174	☒	☒	1.00	1.090	☒	1.00	1.090	☐	1.0	1.0	1.090	1.090
9177	☒	☒	1.00	1.090	☒	1.00	1.090	☐	1.0	1.0	1.090	1.090
9178	☒	☒	1.00	1.090	☒	1.00	1.090	☐	1.0	1.0	1.090	1.090
9179	☒	☒	1.00	1.090	☒	1.00	1.090	☐	1.0	1.0	1.090	1.090
9180	☒	☒	1.00	1.090	☒	1.00	1.090	☐	1.0	1.0	1.090	1.090
9181	☒	☒	1.00	1.090	☒	1.00	1.090	☐	1.0	1.0	1.090	1.090
9182	☒	☒	1.00	1.090	☒	1.00	1.090	☐	1.0	1.0	1.090	1.090
9197	☒	☒	1.00	1.090	☒	1.00	1.090	☐	1.0	1.0	1.090	1.090
9200	☒	☒	1.00	1.090	☒	1.00	1.090	☐	1.0	1.0	1.090	1.090
9201	☒	☒	1.00	1.090	☒	1.00	1.090	☐	1.0	1.0	1.090	1.090
9202	☒	☒	1.00	1.090	☒	1.00	1.090	☐	1.0	1.0	1.090	1.090
9203	☒	☒	1.00	1.090	☒	1.00	1.090	☐	1.0	1.0	1.090	1.090
9204	☒	☒	1.00	1.090	☒	1.00	1.090	☐	1.0	1.0	1.090	1.090
9205	☒	☒	1.00	1.090	☒	1.00	1.090	☐	1.0	1.0	1.090	1.090
9207	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
9209	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
9210	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
9211	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
9212	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
9215	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
9217	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
9219	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
9220	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
9221	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
9222	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
9223	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
9224	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
9226	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
9228	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
9229	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
9230	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
9231	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
9233	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
9235	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500

1.5 EFFECTIVE LENGTHS - MEMBERS

Member	Buckling	Buckling About Axis y			Buckling About Axis z			Lateral-Torsional Buckling				
No.	Possible	Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Possible	k_z	k_w	L_w [m]	L_T [m]
9236	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
9237	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
9238	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
9239	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
9240	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
9241	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
9242	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
9243	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
9244	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
9245	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
9246	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
9247	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
9249	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
9255	☒	☒	1.00	0.147	☒	1.00	0.147	☐	1.0	1.0	0.147	0.147
9256	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
9258	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
9260	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
9261	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
9262	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
9263	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
9264	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
9265	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
9267	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
9269	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
9270	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
9271	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
9272	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
9274	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
9276	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
9277	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
9278	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
9279	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
9280	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
9281	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
9282	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
9283	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
9284	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
9285	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
9286	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
9287	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
9288	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
9991	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
10027	☒	☒	1.00	0.387	☒	1.00	0.387	☐	1.0	1.0	0.387	0.387
10030	☒	☒	1.00	0.147	☒	1.00	0.147	☐	1.0	1.0	0.147	0.147
10047	☒	☒	1.00	0.842	☒	1.00	0.842	☐	1.0	1.0	0.842	0.842
10096	☒	☒	1.00	0.387	☒	1.00	0.387	☐	1.0	1.0	0.387	0.387
10460	☒	☒	1.00	1.090	☒	1.00	1.090	☐	1.0	1.0	1.090	1.090
10461	☒	☒	1.00	1.090	☒	1.00	1.090	☐	1.0	1.0	1.090	1.090
10462	☒	☒	1.00	1.090	☒	1.00	1.090	☐	1.0	1.0	1.090	1.090
10463	☒	☒	1.00	1.090	☒	1.00	1.090	☐	1.0	1.0	1.090	1.090
10464	☒	☒	1.00	1.090	☒	1.00	1.090	☐	1.0	1.0	1.090	1.090
10470	☒	☒	1.00	1.090	☒	1.00	1.090	☐	1.0	1.0	1.090	1.090
10471	☒	☒	1.00	1.090	☒	1.00	1.090	☐	1.0	1.0	1.090	1.090
10472	☒	☒	1.00	1.090	☒	1.00	1.090	☐	1.0	1.0	1.090	1.090
10473	☒	☒	1.00	1.090	☒	1.00	1.090	☐	1.0	1.0	1.090	1.090
10474	☒	☒	1.00	1.090	☒	1.00	1.090	☐	1.0	1.0	1.090	1.090
10480	☒	☒	1.00	1.090	☒	1.00	1.090	☐	1.0	1.0	1.090	1.090
10481	☒	☒	1.00	1.090	☒	1.00	1.090	☐	1.0	1.0	1.090	1.090
10482	☒	☒	1.00	1.090	☒	1.00	1.090	☐	1.0	1.0	1.090	1.090
10483	☒	☒	1.00	1.090	☒	1.00	1.090	☐	1.0	1.0	1.090	1.090
10484	☒	☒	1.00	1.090	☒	1.00	1.090	☐	1.0	1.0	1.090	1.090
10597	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
10599	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
10601	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
10602	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
10603	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
10604	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
10605	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
10606	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
10607	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
10609	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
10616	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
10618	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
10623	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
10625	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
10628	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
10630	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
10631	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
10632	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
10633	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
10634	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
10635	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
10636	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
10637	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
10639	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
10641	☒	☒	1.00	0.617	☒	1.00	0.617	☐	1.0	1.0	0.617	0.617
10643	☒	☒	1.00	0.147	☒	1.00	0.147	☐	1.0	1.0	0.147	0.147
10644	☒	☒	1.00	0.842	☒	1.00	0.842	☐	1.0	1.0	0.842	0.842
10646	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
10648	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
10653	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
10655	☒	☒	1.00	2.640	☒	1.00	2.640	☐	1.0	1.0	2.640	2.640
10688	☒	☒	1.00	0.310	☒	1.00	0.310	☐	1.0	1.0	0.310	0.310
10693	☒	☒	1.00	0.387	☒	1.00	0.387	☐	1.0	1.0	0.387	0.387

1.5 EFFECTIVE LENGTHS - MEMBERS

Member	Buckling	Buckling About Axis y			Buckling About Axis z			Lateral-Torsional Buckling				
No.	Possible	Possible	$k_{cr,y}$	$L_{cr,y}$ [m]	Possible	$k_{cr,z}$	$L_{cr,z}$ [m]	Possible	k_z	k_w	L_w [m]	L_T [m]
10694	☒	☒	1.00	0.617	☒	1.00	0.617	☐	1.0	1.0	0.617	0.617
10695	☒	☒	1.00	0.310	☒	1.00	0.310	☐	1.0	1.0	0.310	0.310
10700	☒	☒	1.00	0.387	☒	1.00	0.387	☐	1.0	1.0	0.387	0.387
10701	☒	☒	1.00	0.617	☒	1.00	0.617	☐	1.0	1.0	0.617	0.617
10702	☒	☒	1.00	0.310	☒	1.00	0.310	☐	1.0	1.0	0.310	0.310
10718	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
10719	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
10720	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
10853	☒	☒	1.00	0.310	☒	1.00	0.310	☐	1.0	1.0	0.310	0.310
10855	☒	☒	1.00	0.617	☒	1.00	0.617	☐	1.0	1.0	0.617	0.617
10993	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
10994	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
10999	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
11000	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
11001	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
11002	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
11003	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
11004	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
11017	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
11018	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
11023	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
11024	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
11025	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
11026	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
11027	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
11028	☒	☒	1.00	1.152	☒	1.00	1.152	☐	1.0	1.0	1.152	1.152
11202	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
11203	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
11204	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
11205	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
11206	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
11207	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
11208	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
11209	☒	☒	1.00	1.500	☒	1.00	1.500	☐	1.0	1.0	1.500	1.500
11210	☒	☒	1.00	0.958	☒	1.00	0.958	☐	1.0	1.0	0.958	0.958
11211	☒	☒	1.00	0.958	☒	1.00	0.958	☐	1.0	1.0	0.958	0.958
11212	☒	☒	1.00	0.958	☒	1.00	0.958	☐	1.0	1.0	0.958	0.958
11213	☒	☒	1.00	0.958	☒	1.00	0.958	☐	1.0	1.0	0.958	0.958
11214	☒	☒	1.00	0.958	☒	1.00	0.958	☐	1.0	1.0	0.958	0.958
11215	☒	☒	1.00	0.958	☒	1.00	0.958	☐	1.0	1.0	0.958	0.958
11216	☒	☒	1.00	0.958	☒	1.00	0.958	☐	1.0	1.0	0.958	0.958
11217	☒	☒	1.00	0.958	☒	1.00	0.958	☐	1.0	1.0	0.958	0.958
11477	☒	☒	1.00	1.128	☒	1.00	1.128	☐	1.0	1.0	1.128	1.128
11478	☒	☒	1.00	1.128	☒	1.00	1.128	☐	1.0	1.0	1.128	1.128
11482	☒	☒	1.00	1.128	☒	1.00	1.128	☐	1.0	1.0	1.128	1.128
11484	☒	☒	1.00	1.128	☒	1.00	1.128	☐	1.0	1.0	1.128	1.128
11486	☒	☒	1.00	1.128	☒	1.00	1.128	☐	1.0	1.0	1.128	1.128
11488	☒	☒	1.00	1.128	☒	1.00	1.128	☐	1.0	1.0	1.128	1.128
11490	☒	☒	1.00	1.128	☒	1.00	1.128	☐	1.0	1.0	1.128	1.128
11492	☒	☒	1.00	1.128	☒	1.00	1.128	☐	1.0	1.0	1.128	1.128
11494	☒	☒	1.00	1.128	☒	1.00	1.128	☐	1.0	1.0	1.128	1.128
11496	☒	☒	1.00	1.128	☒	1.00	1.128	☐	1.0	1.0	1.128	1.128
11498	☒	☒	1.00	1.128	☒	1.00	1.128	☐	1.0	1.0	1.128	1.128

1.9 SERVICEABILITY DATA

No.	Reference to	Members/Sets No.	Reference Length		Direct.	Precamber	Beam Type
			Manually	l [m]		e_0 [mm]	
1	Member	73	☐	1.152	y, z	0.0	Beam
2	Member	74	☐	1.152	y, z	0.0	Beam
3	Member	75	☐	1.152	y, z	0.0	Beam
4	Member	76	☐	1.152	y, z	0.0	Beam
5	Member	77	☐	1.152	y, z	0.0	Beam
6	Member	78	☐	1.152	y, z	0.0	Beam
7	Member	79	☐	1.152	y, z	0.0	Beam
8	Member	80	☐	1.152	y, z	0.0	Beam
9	Member	81	☐	1.152	y, z	0.0	Beam
10	Member	82	☐	1.152	y, z	0.0	Beam
11	Member	83	☐	1.152	y, z	0.0	Beam
12	Member	84	☐	1.152	y, z	0.0	Beam
13	Member	85	☐	1.152	y, z	0.0	Beam
14	Member	86	☐	1.152	y, z	0.0	Beam
15	Member	87	☐	1.152	y, z	0.0	Beam
16	Member	88	☐	1.152	y, z	0.0	Beam
17	Member	89	☐	1.152	y, z	0.0	Beam
18	Member	90	☐	1.152	y, z	0.0	Beam
19	Member	91	☐	1.152	y, z	0.0	Beam
20	Member	92	☐	1.152	y, z	0.0	Beam
21	Member	93	☐	1.152	y, z	0.0	Beam
22	Member	94	☐	1.152	y, z	0.0	Beam
23	Member	95	☐	1.152	y, z	0.0	Beam
24	Member	96	☐	1.152	y, z	0.0	Beam
25	Member	145	☐	1.152	y, z	0.0	Beam
26	Member	146	☐	1.152	y, z	0.0	Beam
27	Member	147	☐	1.152	y, z	0.0	Beam
28	Member	148	☐	1.152	y, z	0.0	Beam
29	Member	149	☐	1.152	y, z	0.0	Beam
30	Member	150	☐	1.152	y, z	0.0	Beam
31	Member	151	☐	1.152	y, z	0.0	Beam
32	Member	152	☐	1.152	y, z	0.0	Beam
33	Member	153	☐	1.152	y, z	0.0	Beam

1.9 SERVICEABILITY DATA

No.	Reference to	Members/Sets No.	Reference Length Manually	Reference Length l [m]	Direct.	Precamber e_0 [mm]	Beam Type
34	Member	154	☐	1.152	y, z	0.0	Beam
35	Member	155	☐	1.152	y, z	0.0	Beam
36	Member	156	☐	1.152	y, z	0.0	Beam
37	Member	157	☐	1.152	y, z	0.0	Beam
38	Member	158	☐	1.152	y, z	0.0	Beam
39	Member	159	☐	1.152	y, z	0.0	Beam
40	Member	160	☐	1.152	y, z	0.0	Beam
41	Member	161	☐	1.152	y, z	0.0	Beam
42	Member	162	☐	1.152	y, z	0.0	Beam
43	Member	163	☐	1.152	y, z	0.0	Beam
44	Member	317	☐	1.152	y, z	0.0	Beam
45	Member	318	☐	1.152	y, z	0.0	Beam
46	Member	319	☐	1.152	y, z	0.0	Beam
47	Member	320	☐	1.152	y, z	0.0	Beam
48	Member	321	☐	1.152	y, z	0.0	Beam
49	Member	322	☐	1.152	y, z	0.0	Beam
50	Member	323	☐	1.152	y, z	0.0	Beam
51	Member	324	☐	1.152	y, z	0.0	Beam
52	Member	325	☐	1.152	y, z	0.0	Beam
53	Member	326	☐	1.152	y, z	0.0	Beam
54	Member	327	☐	1.152	y, z	0.0	Beam
55	Member	328	☐	1.152	y, z	0.0	Beam
56	Member	355	☐	1.152	y, z	0.0	Beam
57	Member	358	☐	1.152	y, z	0.0	Beam
58	Member	361	☐	1.152	y, z	0.0	Beam
59	Member	364	☐	1.152	y, z	0.0	Beam
60	Member	469	☐	1.152	y, z	0.0	Beam
61	Member	470	☐	1.152	y, z	0.0	Beam
62	Member	471	☐	1.152	y, z	0.0	Beam
63	Member	472	☐	1.152	y, z	0.0	Beam
64	Member	473	☐	1.152	y, z	0.0	Beam
65	Member	474	☐	1.152	y, z	0.0	Beam
66	Member	475	☐	1.152	y, z	0.0	Beam
67	Member	476	☐	1.152	y, z	0.0	Beam
68	Member	477	☐	1.152	y, z	0.0	Beam
69	Member	478	☐	1.152	y, z	0.0	Beam
70	Member	479	☐	1.152	y, z	0.0	Beam
71	Member	480	☐	1.152	y, z	0.0	Beam
72	Member	507	☐	1.152	y, z	0.0	Beam
73	Member	510	☐	1.152	y, z	0.0	Beam
74	Member	513	☐	1.152	y, z	0.0	Beam
75	Member	516	☐	1.152	y, z	0.0	Beam
76	Member	581	☐	1.152	y, z	0.0	Beam
77	Member	582	☐	1.152	y, z	0.0	Beam
78	Member	583	☐	1.152	y, z	0.0	Beam
79	Member	592	☐	1.152	y, z	0.0	Beam
80	Member	605	☐	1.152	y, z	0.0	Beam
81	Member	606	☐	1.152	y, z	0.0	Beam
82	Member	607	☐	1.152	y, z	0.0	Beam
83	Member	616	☐	1.152	y, z	0.0	Beam
84	Member	701	☐	1.152	y, z	0.0	Beam
85	Member	702	☐	1.152	y, z	0.0	Beam
86	Member	703	☐	1.152	y, z	0.0	Beam
87	Member	704	☐	1.152	y, z	0.0	Beam
88	Member	705	☐	1.152	y, z	0.0	Beam
89	Member	706	☐	1.152	y, z	0.0	Beam
90	Member	707	☐	1.152	y, z	0.0	Beam
91	Member	708	☐	1.152	y, z	0.0	Beam
92	Member	709	☐	1.152	y, z	0.0	Beam
93	Member	710	☐	1.152	y, z	0.0	Beam
94	Member	711	☐	1.152	y, z	0.0	Beam
95	Member	712	☐	1.152	y, z	0.0	Beam
96	Member	713	☐	1.152	y, z	0.0	Beam
97	Member	714	☐	1.152	y, z	0.0	Beam
98	Member	715	☐	1.152	y, z	0.0	Beam
99	Member	716	☐	1.152	y, z	0.0	Beam
100	Member	717	☐	1.152	y, z	0.0	Beam
101	Member	718	☐	1.152	y, z	0.0	Beam
102	Member	719	☐	1.152	y, z	0.0	Beam
103	Member	720	☐	1.152	y, z	0.0	Beam
104	Member	721	☐	1.152	y, z	0.0	Beam
105	Member	856	☐	0.629	y, z	0.0	Beam
106	Member	857	☐	1.500	y, z	0.0	Beam
107	Member	858	☐	0.629	y, z	0.0	Beam
108	Member	859	☐	1.500	y, z	0.0	Beam
109	Member	866	☐	0.629	y, z	0.0	Beam
110	Member	867	☐	1.500	y, z	0.0	Beam
111	Member	868	☐	0.629	y, z	0.0	Beam
112	Member	869	☐	1.500	y, z	0.0	Beam
113	Member	876	☐	1.500	y, z	0.0	Beam
114	Member	877	☐	1.500	y, z	0.0	Beam
115	Member	878	☐	1.500	y, z	0.0	Beam
116	Member	879	☐	1.500	y, z	0.0	Beam
117	Member	880	☐	1.125	y, z	0.0	Beam
118	Member	881	☐	1.125	y, z	0.0	Beam
119	Member	882	☐	1.500	y, z	0.0	Beam
120	Member	883	☐	1.500	y, z	0.0	Beam
121	Member	884	☐	1.200	y, z	0.0	Beam
122	Member	894	☐	0.629	y, z	0.0	Beam
123	Member	895	☐	1.500	y, z	0.0	Beam
124	Member	896	☐	0.629	y, z	0.0	Beam
125	Member	897	☐	1.500	y, z	0.0	Beam
126	Member	898	☐	1.500	y, z	0.0	Beam
127	Member	899	☐	1.500	y, z	0.0	Beam

1.9 SERVICEABILITY DATA

No.	Reference to	Members/Sets No.	Reference Length Manually	Reference Length l [m]	Direct.	Precamber e_0 [mm]	Beam Type
128	Member	900	☐	0.375	y, z	0.0	Beam
129	Member	901	☐	1.500	y, z	0.0	Beam
130	Member	902	☐	1.125	y, z	0.0	Beam
131	Member	903	☐	1.125	y, z	0.0	Beam
132	Member	904	☐	1.500	y, z	0.0	Beam
133	Member	905	☐	1.500	y, z	0.0	Beam
134	Member	906	☐	0.629	y, z	0.0	Beam
135	Member	907	☐	1.500	y, z	0.0	Beam
136	Member	908	☐	0.629	y, z	0.0	Beam
137	Member	909	☐	1.500	y, z	0.0	Beam
138	Member	910	☐	1.339	y, z	0.0	Beam
139	Member	911	☐	1.339	y, z	0.0	Beam
140	Member	912	☐	0.161	y, z	0.0	Beam
141	Member	913	☐	0.161	y, z	0.0	Beam
142	Member	914	☐	1.125	y, z	0.0	Beam
143	Member	915	☐	1.125	y, z	0.0	Beam
144	Member	916	☐	1.152	y, z	0.0	Beam
145	Member	917	☐	1.152	y, z	0.0	Beam
146	Member	918	☐	1.152	y, z	0.0	Beam
147	Member	919	☐	1.152	y, z	0.0	Beam
148	Member	920	☐	1.152	y, z	0.0	Beam
149	Member	921	☐	1.152	y, z	0.0	Beam
150	Member	922	☐	1.152	y, z	0.0	Beam
151	Member	923	☐	1.152	y, z	0.0	Beam
152	Member	924	☐	1.152	y, z	0.0	Beam
153	Member	925	☐	1.152	y, z	0.0	Beam
154	Member	926	☐	1.152	y, z	0.0	Beam
155	Member	927	☐	1.152	y, z	0.0	Beam
156	Member	928	☐	1.152	y, z	0.0	Beam
157	Member	929	☐	1.152	y, z	0.0	Beam
158	Member	930	☐	1.152	y, z	0.0	Beam
159	Member	931	☐	1.152	y, z	0.0	Beam
160	Member	932	☐	1.152	y, z	0.0	Beam
161	Member	933	☐	1.152	y, z	0.0	Beam
162	Member	986	☐	0.629	y, z	0.0	Beam
163	Member	987	☐	1.500	y, z	0.0	Beam
164	Member	988	☐	0.629	y, z	0.0	Beam
165	Member	989	☐	1.500	y, z	0.0	Beam
166	Member	990	☐	0.629	y, z	0.0	Beam
167	Member	991	☐	1.500	y, z	0.0	Beam
168	Member	992	☐	0.629	y, z	0.0	Beam
169	Member	993	☐	1.500	y, z	0.0	Beam
170	Member	1006	☐	1.500	y, z	0.0	Beam
171	Member	1007	☐	1.500	y, z	0.0	Beam
172	Member	1008	☐	1.200	y, z	0.0	Beam
173	Member	1009	☐	1.200	y, z	0.0	Beam
174	Member	1016	☐	1.500	y, z	0.0	Beam
175	Member	1017	☐	1.500	y, z	0.0	Beam
176	Member	1020	☐	1.500	y, z	0.0	Beam
177	Member	1021	☐	1.500	y, z	0.0	Beam
178	Member	1022	☐	1.200	y, z	0.0	Beam
179	Member	1023	☐	1.200	y, z	0.0	Beam
180	Member	1024	☐	1.500	y, z	0.0	Beam
181	Member	1025	☐	1.500	y, z	0.0	Beam
182	Member	1034	☐	0.629	y, z	0.0	Beam
183	Member	1035	☐	1.500	y, z	0.0	Beam
184	Member	1036	☐	0.629	y, z	0.0	Beam
185	Member	1037	☐	1.500	y, z	0.0	Beam
186	Member	1038	☐	1.500	y, z	0.0	Beam
187	Member	1039	☐	1.500	y, z	0.0	Beam
188	Member	1040	☐	1.200	y, z	0.0	Beam
189	Member	1041	☐	1.200	y, z	0.0	Beam
190	Member	1042	☐	1.500	y, z	0.0	Beam
191	Member	1043	☐	1.500	y, z	0.0	Beam
192	Member	1044	☐	0.629	y, z	0.0	Beam
193	Member	1045	☐	1.500	y, z	0.0	Beam
194	Member	1046	☐	0.629	y, z	0.0	Beam
195	Member	1047	☐	1.500	y, z	0.0	Beam
196	Member	1048	☐	1.500	y, z	0.0	Beam
197	Member	1049	☐	1.500	y, z	0.0	Beam
198	Member	1050	☐	1.200	y, z	0.0	Beam
199	Member	1051	☐	1.200	y, z	0.0	Beam
200	Member	1052	☐	1.500	y, z	0.0	Beam
201	Member	1053	☐	1.500	y, z	0.0	Beam
202	Member	1102	☐	1.152	y, z	0.0	Beam
203	Member	1103	☐	1.152	y, z	0.0	Beam
204	Member	1104	☐	1.152	y, z	0.0	Beam
205	Member	1105	☐	1.152	y, z	0.0	Beam
206	Member	1106	☐	1.152	y, z	0.0	Beam
207	Member	1107	☐	1.152	y, z	0.0	Beam
208	Member	1128	☐	1.152	y, z	0.0	Beam
209	Member	1129	☐	1.152	y, z	0.0	Beam
210	Member	1130	☐	1.152	y, z	0.0	Beam
211	Member	1145	☐	1.152	y, z	0.0	Beam
212	Member	1146	☐	1.152	y, z	0.0	Beam
213	Member	1147	☐	1.152	y, z	0.0	Beam
214	Member	1162	☐	1.152	y, z	0.0	Beam
215	Member	1163	☐	1.152	y, z	0.0	Beam
216	Member	1164	☐	1.152	y, z	0.0	Beam
217	Member	1181	☐	0.387	y, z	0.0	Beam
218	Member	1182	☐	0.617	y, z	0.0	Beam
219	Member	1183	☐	0.310	y, z	0.0	Beam
220	Member	1223	☐	0.387	y, z	0.0	Beam
221	Member	1234	☐	0.617	y, z	0.0	Beam

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No.	Reference to	Members/Sets No.	Reference Length Manually	Reference Length l [m]	Direct.	Precamber e_0 [mm]	Beam Type
222	Member	1235	☐	0.310	y, z	0.0	Beam
223	Member	1268	☐	1.152	y, z	0.0	Beam
224	Member	1269	☐	1.152	y, z	0.0	Beam
225	Member	1270	☐	1.152	y, z	0.0	Beam
226	Member	1271	☐	1.152	y, z	0.0	Beam
227	Member	1272	☐	1.152	y, z	0.0	Beam
228	Member	1273	☐	1.152	y, z	0.0	Beam
229	Member	1274	☐	1.152	y, z	0.0	Beam
230	Member	1275	☐	1.152	y, z	0.0	Beam
231	Member	1276	☐	1.152	y, z	0.0	Beam
232	Member	1277	☐	1.152	y, z	0.0	Beam
233	Member	1301	☐	0.387	y, z	0.0	Beam
234	Member	1302	☐	0.617	y, z	0.0	Beam
235	Member	1303	☐	0.310	y, z	0.0	Beam
236	Member	1324	☐	1.152	y, z	0.0	Beam
237	Member	1325	☐	1.152	y, z	0.0	Beam
238	Member	1326	☐	1.152	y, z	0.0	Beam
239	Member	1327	☐	1.152	y, z	0.0	Beam
240	Member	1328	☐	1.152	y, z	0.0	Beam
241	Member	1329	☐	1.152	y, z	0.0	Beam
242	Member	1350	☐	1.152	y, z	0.0	Beam
243	Member	1351	☐	1.152	y, z	0.0	Beam
244	Member	1352	☐	1.152	y, z	0.0	Beam
245	Member	1367	☐	1.152	y, z	0.0	Beam
246	Member	1368	☐	1.152	y, z	0.0	Beam
247	Member	1369	☐	1.152	y, z	0.0	Beam
248	Member	1384	☐	1.152	y, z	0.0	Beam
249	Member	1385	☐	1.152	y, z	0.0	Beam
250	Member	1386	☐	1.152	y, z	0.0	Beam
251	Member	1409	☐	0.387	y, z	0.0	Beam
252	Member	1414	☐	0.617	y, z	0.0	Beam
253	Member	1415	☐	0.310	y, z	0.0	Beam
254	Member	1490	☐	1.152	y, z	0.0	Beam
255	Member	1491	☐	1.152	y, z	0.0	Beam
256	Member	1492	☐	1.152	y, z	0.0	Beam
257	Member	1493	☐	1.152	y, z	0.0	Beam
258	Member	1494	☐	1.152	y, z	0.0	Beam
259	Member	1495	☐	1.152	y, z	0.0	Beam
260	Member	1496	☐	1.152	y, z	0.0	Beam
261	Member	1497	☐	1.152	y, z	0.0	Beam
262	Member	1498	☐	1.152	y, z	0.0	Beam
263	Member	1499	☐	1.152	y, z	0.0	Beam
264	Member	1526	☐	0.960	y, z	0.0	Beam
265	Member	1527	☐	1.500	y, z	0.0	Beam
266	Member	1528	☐	0.960	y, z	0.0	Beam
267	Member	1529	☐	1.500	y, z	0.0	Beam
268	Member	1530	☐	0.960	y, z	0.0	Beam
269	Member	1531	☐	1.500	y, z	0.0	Beam
270	Member	1532	☐	0.960	y, z	0.0	Beam
271	Member	1533	☐	1.500	y, z	0.0	Beam
272	Member	1546	☐	0.960	y, z	0.0	Beam
273	Member	1547	☐	1.500	y, z	0.0	Beam
274	Member	1548	☐	0.960	y, z	0.0	Beam
275	Member	1549	☐	1.500	y, z	0.0	Beam
276	Member	1550	☐	0.960	y, z	0.0	Beam
277	Member	1551	☐	1.500	y, z	0.0	Beam
278	Member	1552	☐	0.960	y, z	0.0	Beam
279	Member	1553	☐	1.500	y, z	0.0	Beam
280	Member	1572	☐	0.161	y, z	0.0	Beam
281	Member	1573	☐	0.161	y, z	0.0	Beam
282	Member	1583	☐	1.125	y, z	0.0	Beam
283	Member	1584	☐	0.161	y, z	0.0	Beam
284	Member	1585	☐	0.161	y, z	0.0	Beam
285	Member	1586	☐	1.179	y, z	0.0	Beam
286	Member	1587	☐	1.179	y, z	0.0	Beam
287	Member	1591	☐	2.326	y, z	0.0	Beam
288	Member	1595	☐	1.861	y, z	0.0	Beam
289	Member	1596	☐	1.861	y, z	0.0	Beam
290	Member	1618	☐	1.152	y, z	0.0	Beam
291	Member	1619	☐	1.152	y, z	0.0	Beam
292	Member	1620	☐	1.152	y, z	0.0	Beam
293	Member	1621	☐	1.152	y, z	0.0	Beam
294	Member	1622	☐	1.152	y, z	0.0	Beam
295	Member	1623	☐	1.152	y, z	0.0	Beam
296	Member	1636	☐	1.152	y, z	0.0	Beam
297	Member	1637	☐	1.152	y, z	0.0	Beam
298	Member	1638	☐	1.152	y, z	0.0	Beam
299	Member	1639	☐	1.152	y, z	0.0	Beam
300	Member	1640	☐	1.152	y, z	0.0	Beam
301	Member	1641	☐	1.152	y, z	0.0	Beam
302	Member	1692	☐	1.152	y, z	0.0	Beam
303	Member	1693	☐	1.152	y, z	0.0	Beam
304	Member	1694	☐	1.152	y, z	0.0	Beam
305	Member	1701	☐	1.152	y, z	0.0	Beam
306	Member	1702	☐	1.152	y, z	0.0	Beam
307	Member	1703	☐	1.152	y, z	0.0	Beam
308	Member	1740	☐	1.152	y, z	0.0	Beam
309	Member	1741	☐	1.152	y, z	0.0	Beam
310	Member	1742	☐	1.152	y, z	0.0	Beam
311	Member	1749	☐	1.152	y, z	0.0	Beam
312	Member	1750	☐	1.152	y, z	0.0	Beam
313	Member	1751	☐	1.152	y, z	0.0	Beam
314	Member	1786	☐	1.152	y, z	0.0	Beam
315	Member	1787	☐	1.152	y, z	0.0	Beam

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No.	Reference to	Members/Sets No.	Reference Length Manually	Reference Length l [m]	Direct.	Precamber e_0 [mm]	Beam Type
316	Member	1788	☐	1.152	y, z	0.0	Beam
317	Member	1795	☐	1.152	y, z	0.0	Beam
318	Member	1796	☐	1.152	y, z	0.0	Beam
319	Member	1797	☐	1.152	y, z	0.0	Beam
320	Member	1828	☐	1.152	y, z	0.0	Beam
321	Member	1829	☐	1.152	y, z	0.0	Beam
322	Member	1830	☐	1.152	y, z	0.0	Beam
323	Member	1837	☐	1.152	y, z	0.0	Beam
324	Member	1838	☐	1.152	y, z	0.0	Beam
325	Member	1839	☐	1.152	y, z	0.0	Beam
326	Member	1870	☐	1.152	y, z	0.0	Beam
327	Member	1871	☐	1.152	y, z	0.0	Beam
328	Member	1872	☐	1.152	y, z	0.0	Beam
329	Member	1879	☐	1.152	y, z	0.0	Beam
330	Member	1880	☐	1.152	y, z	0.0	Beam
331	Member	1881	☐	1.152	y, z	0.0	Beam
332	Member	1914	☐	1.152	y, z	0.0	Beam
333	Member	1915	☐	1.152	y, z	0.0	Beam
334	Member	1916	☐	1.152	y, z	0.0	Beam
335	Member	1923	☐	1.152	y, z	0.0	Beam
336	Member	1924	☐	1.152	y, z	0.0	Beam
337	Member	1925	☐	1.152	y, z	0.0	Beam
338	Member	1952	☐	1.152	y, z	0.0	Beam
339	Member	1953	☐	1.152	y, z	0.0	Beam
340	Member	1954	☐	1.152	y, z	0.0	Beam
341	Member	1961	☐	1.152	y, z	0.0	Beam
342	Member	1962	☐	1.152	y, z	0.0	Beam
343	Member	1963	☐	1.152	y, z	0.0	Beam
344	Member	2000	☐	1.152	y, z	0.0	Beam
345	Member	2001	☐	1.152	y, z	0.0	Beam
346	Member	2002	☐	1.152	y, z	0.0	Beam
347	Member	2009	☐	1.152	y, z	0.0	Beam
348	Member	2010	☐	1.152	y, z	0.0	Beam
349	Member	2011	☐	1.152	y, z	0.0	Beam
350	Member	2044	☐	1.152	y, z	0.0	Beam
351	Member	2045	☐	1.152	y, z	0.0	Beam
352	Member	2046	☐	1.152	y, z	0.0	Beam
353	Member	2053	☐	1.152	y, z	0.0	Beam
354	Member	2054	☐	1.152	y, z	0.0	Beam
355	Member	2055	☐	1.152	y, z	0.0	Beam
356	Member	2100	☐	1.152	y, z	0.0	Beam
357	Member	2101	☐	1.152	y, z	0.0	Beam
358	Member	2102	☐	1.152	y, z	0.0	Beam
359	Member	2103	☐	1.152	y, z	0.0	Beam
360	Member	2104	☐	1.152	y, z	0.0	Beam
361	Member	2105	☐	1.152	y, z	0.0	Beam
362	Member	2118	☐	1.152	y, z	0.0	Beam
363	Member	2119	☐	1.152	y, z	0.0	Beam
364	Member	2120	☐	1.152	y, z	0.0	Beam
365	Member	2121	☐	1.152	y, z	0.0	Beam
366	Member	2122	☐	1.152	y, z	0.0	Beam
367	Member	2123	☐	1.152	y, z	0.0	Beam
368	Member	2174	☐	1.152	y, z	0.0	Beam
369	Member	2175	☐	1.152	y, z	0.0	Beam
370	Member	2176	☐	1.152	y, z	0.0	Beam
371	Member	2183	☐	1.152	y, z	0.0	Beam
372	Member	2184	☐	1.152	y, z	0.0	Beam
373	Member	2185	☐	1.152	y, z	0.0	Beam
374	Member	2222	☐	1.152	y, z	0.0	Beam
375	Member	2223	☐	1.152	y, z	0.0	Beam
376	Member	2224	☐	1.152	y, z	0.0	Beam
377	Member	2231	☐	1.152	y, z	0.0	Beam
378	Member	2232	☐	1.152	y, z	0.0	Beam
379	Member	2233	☐	1.152	y, z	0.0	Beam
380	Member	2268	☐	1.152	y, z	0.0	Beam
381	Member	2269	☐	1.152	y, z	0.0	Beam
382	Member	2270	☐	1.152	y, z	0.0	Beam
383	Member	2277	☐	1.152	y, z	0.0	Beam
384	Member	2278	☐	1.152	y, z	0.0	Beam
385	Member	2279	☐	1.152	y, z	0.0	Beam
386	Member	2310	☐	1.152	y, z	0.0	Beam
387	Member	2311	☐	1.152	y, z	0.0	Beam
388	Member	2312	☐	1.152	y, z	0.0	Beam
389	Member	2319	☐	1.152	y, z	0.0	Beam
390	Member	2320	☐	1.152	y, z	0.0	Beam
391	Member	2321	☐	1.152	y, z	0.0	Beam
392	Member	2358	☐	1.152	y, z	0.0	Beam
393	Member	2359	☐	1.152	y, z	0.0	Beam
394	Member	2360	☐	1.152	y, z	0.0	Beam
395	Member	2367	☐	1.152	y, z	0.0	Beam
396	Member	2368	☐	1.152	y, z	0.0	Beam
397	Member	2369	☐	1.152	y, z	0.0	Beam
398	Member	2406	☐	1.152	y, z	0.0	Beam
399	Member	2407	☐	1.152	y, z	0.0	Beam
400	Member	2408	☐	1.152	y, z	0.0	Beam
401	Member	2415	☐	1.152	y, z	0.0	Beam
402	Member	2416	☐	1.152	y, z	0.0	Beam
403	Member	2417	☐	1.152	y, z	0.0	Beam
404	Member	2450	☐	1.152	y, z	0.0	Beam
405	Member	2451	☐	1.152	y, z	0.0	Beam
406	Member	2452	☐	1.152	y, z	0.0	Beam
407	Member	2459	☐	1.152	y, z	0.0	Beam
408	Member	2460	☐	1.152	y, z	0.0	Beam
409	Member	2461	☐	1.152	y, z	0.0	Beam

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No.	Reference to	Members/Sets No.	Reference Length Manually	Reference Length l [m]	Direct.	Precamber e_0 [mm]	Beam Type
410	Member	2494	☐	1.152	y, z	0.0	Beam
411	Member	2495	☐	1.152	y, z	0.0	Beam
412	Member	2496	☐	1.152	y, z	0.0	Beam
413	Member	2503	☐	1.152	y, z	0.0	Beam
414	Member	2504	☐	1.152	y, z	0.0	Beam
415	Member	2505	☐	1.152	y, z	0.0	Beam
416	Member	2532	☐	1.152	y, z	0.0	Beam
417	Member	2533	☐	1.152	y, z	0.0	Beam
418	Member	2534	☐	1.152	y, z	0.0	Beam
419	Member	2541	☐	1.152	y, z	0.0	Beam
420	Member	2542	☐	1.152	y, z	0.0	Beam
421	Member	2543	☐	1.152	y, z	0.0	Beam
422	Member	2582	☐	1.152	y, z	0.0	Beam
423	Member	2583	☐	1.152	y, z	0.0	Beam
424	Member	2585	☐	1.152	y, z	0.0	Beam
425	Member	2586	☐	1.152	y, z	0.0	Beam
426	Member	2600	☐	1.152	y, z	0.0	Beam
427	Member	2602	☐	1.152	y, z	0.0	Beam
428	Member	2603	☐	1.152	y, z	0.0	Beam
429	Member	2605	☐	1.152	y, z	0.0	Beam
430	Member	2656	☐	1.152	y, z	0.0	Beam
431	Member	2657	☐	1.152	y, z	0.0	Beam
432	Member	2665	☐	1.152	y, z	0.0	Beam
433	Member	2667	☐	1.152	y, z	0.0	Beam
434	Member	2704	☐	1.152	y, z	0.0	Beam
435	Member	2705	☐	1.152	y, z	0.0	Beam
436	Member	2713	☐	1.152	y, z	0.0	Beam
437	Member	2715	☐	1.152	y, z	0.0	Beam
438	Member	2746	☐	0.056	y, z	0.0	Beam
439	Member	2747	☐	1.152	y, z	0.0	Beam
440	Member	2748	☐	0.056	y, z	0.0	Beam
441	Member	2749	☐	1.152	y, z	0.0	Beam
442	Member	2750	☐	1.152	y, z	0.0	Beam
443	Member	2751	☐	1.152	y, z	0.0	Beam
444	Member	2759	☐	1.152	y, z	0.0	Beam
445	Member	2761	☐	1.152	y, z	0.0	Beam
446	Member	2764	☐	0.056	y, z	0.0	Beam
447	Member	2765	☐	1.152	y, z	0.0	Beam
448	Member	2766	☐	0.056	y, z	0.0	Beam
449	Member	2767	☐	1.152	y, z	0.0	Beam
450	Member	2792	☐	1.152	y, z	0.0	Beam
451	Member	2793	☐	1.152	y, z	0.0	Beam
452	Member	2801	☐	1.152	y, z	0.0	Beam
453	Member	2803	☐	1.152	y, z	0.0	Beam
454	Member	2840	☐	1.152	y, z	0.0	Beam
455	Member	2841	☐	1.152	y, z	0.0	Beam
456	Member	2849	☐	1.152	y, z	0.0	Beam
457	Member	2851	☐	1.152	y, z	0.0	Beam
458	Member	2870	☐	0.056	y, z	0.0	Beam
459	Member	2871	☐	1.152	y, z	0.0	Beam
460	Member	2872	☐	0.056	y, z	0.0	Beam
461	Member	2873	☐	1.152	y, z	0.0	Beam
462	Member	2874	☐	0.056	y, z	0.0	Beam
463	Member	2875	☐	1.152	y, z	0.0	Beam
464	Member	2876	☐	0.056	y, z	0.0	Beam
465	Member	2877	☐	1.152	y, z	0.0	Beam
466	Member	2888	☐	1.152	y, z	0.0	Beam
467	Member	2889	☐	1.152	y, z	0.0	Beam
468	Member	2897	☐	1.152	y, z	0.0	Beam
469	Member	2899	☐	1.152	y, z	0.0	Beam
470	Member	2932	☐	1.152	y, z	0.0	Beam
471	Member	2933	☐	1.152	y, z	0.0	Beam
472	Member	2941	☐	1.152	y, z	0.0	Beam
473	Member	2943	☐	1.152	y, z	0.0	Beam
474	Member	2976	☐	1.152	y, z	0.0	Beam
475	Member	2977	☐	1.152	y, z	0.0	Beam
476	Member	2985	☐	1.152	y, z	0.0	Beam
477	Member	2987	☐	1.152	y, z	0.0	Beam
478	Member	3014	☐	1.152	y, z	0.0	Beam
479	Member	3015	☐	1.152	y, z	0.0	Beam
480	Member	3023	☐	1.152	y, z	0.0	Beam
481	Member	3025	☐	1.152	y, z	0.0	Beam
482	Member	3054	☐	1.152	y, z	0.0	Beam
483	Member	3055	☐	1.152	y, z	0.0	Beam
484	Member	3063	☐	1.152	y, z	0.0	Beam
485	Member	3065	☐	1.152	y, z	0.0	Beam
486	Member	3104	☐	1.698	y, z	0.0	Beam
487	Member	3105	☐	1.698	y, z	0.0	Beam
488	Member	3106	☐	1.698	y, z	0.0	Beam
489	Member	3107	☐	1.698	y, z	0.0	Beam
490	Member	3120	☐	1.698	y, z	0.0	Beam
491	Member	3121	☐	1.698	y, z	0.0	Beam
492	Member	3122	☐	1.698	y, z	0.0	Beam
493	Member	3123	☐	1.698	y, z	0.0	Beam
494	Member	3132	☐	2.052	y, z	0.0	Beam
495	Member	3133	☐	2.052	y, z	0.0	Beam
496	Member	3134	☐	2.052	y, z	0.0	Beam
497	Member	3135	☐	2.052	y, z	0.0	Beam
498	Member	3136	☐	2.052	y, z	0.0	Beam
499	Member	3137	☐	2.052	y, z	0.0	Beam
500	Member	3138	☐	2.052	y, z	0.0	Beam
501	Member	3139	☐	2.052	y, z	0.0	Beam
502	Member	3140	☐	1.152	y, z	0.0	Beam
503	Member	3141	☐	1.152	y, z	0.0	Beam

1.9 SERVICEABILITY DATA

No.	Reference to	Members/Sets No.	Reference Length Manually	Reference Length l [m]	Direct.	Precamber e_0 [mm]	Beam Type
504	Member	3142	☐	1.152	y, z	0.0	Beam
505	Member	3143	☐	1.152	y, z	0.0	Beam
506	Member	3144	☐	1.152	y, z	0.0	Beam
507	Member	3145	☐	1.152	y, z	0.0	Beam
508	Member	3146	☐	1.152	y, z	0.0	Beam
509	Member	3147	☐	1.152	y, z	0.0	Beam
510	Member	3206	☐	1.152	y, z	0.0	Beam
511	Member	3207	☐	1.152	y, z	0.0	Beam
512	Member	3209	☐	1.152	y, z	0.0	Beam
513	Member	3210	☐	1.152	y, z	0.0	Beam
514	Member	3224	☐	0.024	y, z	0.0	Beam
515	Member	3226	☐	1.152	y, z	0.0	Beam
516	Member	3227	☐	0.024	y, z	0.0	Beam
517	Member	3229	☐	1.152	y, z	0.0	Beam
518	Member	3280	☐	1.152	y, z	0.0	Beam
519	Member	3281	☐	1.152	y, z	0.0	Beam
520	Member	3289	☐	0.024	y, z	0.0	Beam
521	Member	3291	☐	1.152	y, z	0.0	Beam
522	Member	3328	☐	1.152	y, z	0.0	Beam
523	Member	3329	☐	1.152	y, z	0.0	Beam
524	Member	3337	☐	0.024	y, z	0.0	Beam
525	Member	3339	☐	1.152	y, z	0.0	Beam
526	Member	3370	☐	0.056	y, z	0.0	Beam
527	Member	3371	☐	1.152	y, z	0.0	Beam
528	Member	3372	☐	0.650	y, z	0.0	Beam
529	Member	3373	☐	1.152	y, z	0.0	Beam
530	Member	3374	☐	1.152	y, z	0.0	Beam
531	Member	3375	☐	1.152	y, z	0.0	Beam
532	Member	3383	☐	0.024	y, z	0.0	Beam
533	Member	3385	☐	1.152	y, z	0.0	Beam
534	Member	3388	☐	0.650	y, z	0.0	Beam
535	Member	3389	☐	1.152	y, z	0.0	Beam
536	Member	3390	☐	0.650	y, z	0.0	Beam
537	Member	3391	☐	0.952	y, z	0.0	Beam
538	Member	3416	☐	1.152	y, z	0.0	Beam
539	Member	3417	☐	1.152	y, z	0.0	Beam
540	Member	3425	☐	0.024	y, z	0.0	Beam
541	Member	3427	☐	1.152	y, z	0.0	Beam
542	Member	3464	☐	1.152	y, z	0.0	Beam
543	Member	3465	☐	1.152	y, z	0.0	Beam
544	Member	3473	☐	0.024	y, z	0.0	Beam
545	Member	3475	☐	1.152	y, z	0.0	Beam
546	Member	3494	☐	0.650	y, z	0.0	Beam
547	Member	3495	☐	0.952	y, z	0.0	Beam
548	Member	3496	☐	0.650	y, z	0.0	Beam
549	Member	3497	☐	0.952	y, z	0.0	Beam
550	Member	3498	☐	0.650	y, z	0.0	Beam
551	Member	3499	☐	0.952	y, z	0.0	Beam
552	Member	3500	☐	0.650	y, z	0.0	Beam
553	Member	3501	☐	0.952	y, z	0.0	Beam
554	Member	3512	☐	1.152	y, z	0.0	Beam
555	Member	3513	☐	1.152	y, z	0.0	Beam
556	Member	3521	☐	0.024	y, z	0.0	Beam
557	Member	3523	☐	1.152	y, z	0.0	Beam
558	Member	3556	☐	1.152	y, z	0.0	Beam
559	Member	3557	☐	1.152	y, z	0.0	Beam
560	Member	3565	☐	0.024	y, z	0.0	Beam
561	Member	3567	☐	1.152	y, z	0.0	Beam
562	Member	3600	☐	1.152	y, z	0.0	Beam
563	Member	3601	☐	1.152	y, z	0.0	Beam
564	Member	3609	☐	0.024	y, z	0.0	Beam
565	Member	3611	☐	1.152	y, z	0.0	Beam
566	Member	3638	☐	1.152	y, z	0.0	Beam
567	Member	3639	☐	1.152	y, z	0.0	Beam
568	Member	3647	☐	0.024	y, z	0.0	Beam
569	Member	3649	☐	1.152	y, z	0.0	Beam
570	Member	3678	☐	1.152	y, z	0.0	Beam
571	Member	3679	☐	1.152	y, z	0.0	Beam
572	Member	3687	☐	0.024	y, z	0.0	Beam
573	Member	3689	☐	1.152	y, z	0.0	Beam
574	Member	3728	☐	1.698	y, z	0.0	Beam
575	Member	3729	☐	1.698	y, z	0.0	Beam
576	Member	3730	☐	1.698	y, z	0.0	Beam
577	Member	3731	☐	1.698	y, z	0.0	Beam
578	Member	3744	☐	1.698	y, z	0.0	Beam
579	Member	3745	☐	1.698	y, z	0.0	Beam
580	Member	3746	☐	1.698	y, z	0.0	Beam
581	Member	3747	☐	1.698	y, z	0.0	Beam
582	Member	3756	☐	2.052	y, z	0.0	Beam
583	Member	3757	☐	2.052	y, z	0.0	Beam
584	Member	3758	☐	2.052	y, z	0.0	Beam
585	Member	3759	☐	2.052	y, z	0.0	Beam
586	Member	3760	☐	2.052	y, z	0.0	Beam
587	Member	3761	☐	2.052	y, z	0.0	Beam
588	Member	3762	☐	2.052	y, z	0.0	Beam
589	Member	3763	☐	2.052	y, z	0.0	Beam
590	Member	3764	☐	1.152	y, z	0.0	Beam
591	Member	3765	☐	1.152	y, z	0.0	Beam
592	Member	3766	☐	1.152	y, z	0.0	Beam
593	Member	3767	☐	1.152	y, z	0.0	Beam
594	Member	3768	☐	1.152	y, z	0.0	Beam
595	Member	3769	☐	1.152	y, z	0.0	Beam
596	Member	3770	☐	1.152	y, z	0.0	Beam
597	Member	3771	☐	1.152	y, z	0.0	Beam

1.9 SERVICEABILITY DATA

No.	Reference to	Members/Sets No.	Reference Length Manually	Reference Length l [m]	Direct.	Precamber e_0 [mm]	Beam Type
598	Member	3896	☐	1.152	y, z	0.0	Beam
599	Member	3897	☐	1.152	y, z	0.0	Beam
600	Member	3902	☐	1.152	y, z	0.0	Beam
601	Member	3903	☐	1.152	y, z	0.0	Beam
602	Member	3966	☐	0.842	y, z	0.0	Beam
603	Member	3967	☐	1.152	y, z	0.0	Beam
604	Member	3990	☐	1.152	y, z	0.0	Beam
605	Member	4013	☐	1.152	y, z	0.0	Beam
606	Member	4034	☐	0.147	y, z	0.0	Beam
607	Member	4035	☐	0.842	y, z	0.0	Beam
608	Member	4036	☐	1.152	y, z	0.0	Beam
609	Member	4069	☐	0.147	y, z	0.0	Beam
610	Member	4070	☐	0.842	y, z	0.0	Beam
611	Member	4071	☐	1.152	y, z	0.0	Beam
612	Member	4092	☐	0.147	y, z	0.0	Beam
613	Member	4093	☐	0.842	y, z	0.0	Beam
614	Member	4094	☐	1.152	y, z	0.0	Beam
615	Member	4115	☐	0.147	y, z	0.0	Beam
616	Member	4116	☐	0.842	y, z	0.0	Beam
617	Member	4117	☐	1.152	y, z	0.0	Beam
618	Member	4138	☐	0.147	y, z	0.0	Beam
619	Member	4139	☐	0.842	y, z	0.0	Beam
620	Member	4140	☐	1.152	y, z	0.0	Beam
621	Member	4184	☐	0.952	y, z	0.0	Beam
622	Member	4203	☐	0.952	y, z	0.0	Beam
623	Member	4204	☐	0.952	y, z	0.0	Beam
624	Member	4205	☐	0.952	y, z	0.0	Beam
625	Member	4206	☐	0.952	y, z	0.0	Beam
626	Member	4207	☐	0.952	y, z	0.0	Beam
627	Member	4208	☐	1.152	y, z	0.0	Beam
628	Member	4234	☐	1.152	y, z	0.0	Beam
629	Member	4235	☐	1.152	y, z	0.0	Beam
630	Member	4261	☐	1.152	y, z	0.0	Beam
631	Member	4262	☐	1.152	y, z	0.0	Beam
632	Member	4294	☐	1.152	y, z	0.0	Beam
633	Member	4295	☐	1.152	y, z	0.0	Beam
634	Member	4296	☐	1.152	y, z	0.0	Beam
635	Member	4297	☐	1.152	y, z	0.0	Beam
636	Member	4337	☐	1.152	y, z	0.0	Beam
637	Member	4341	☐	1.152	y, z	0.0	Beam
638	Member	4409	☐	0.952	y, z	0.0	Beam
639	Member	4410	☐	0.952	y, z	0.0	Beam
640	Member	4413	☐	0.952	y, z	0.0	Beam
641	Member	4414	☐	0.952	y, z	0.0	Beam
642	Member	4417	☐	0.952	y, z	0.0	Beam
643	Member	4418	☐	0.952	y, z	0.0	Beam
644	Member	4605	☐	0.629	y, z	0.0	Beam
645	Member	4606	☐	1.500	y, z	0.0	Beam
646	Member	4607	☐	0.629	y, z	0.0	Beam
647	Member	4608	☐	1.500	y, z	0.0	Beam
648	Member	4615	☐	1.500	y, z	0.0	Beam
649	Member	4616	☐	1.200	y, z	0.0	Beam
650	Member	4620	☐	1.500	y, z	0.0	Beam
651	Member	4622	☐	1.500	y, z	0.0	Beam
652	Member	4623	☐	1.200	y, z	0.0	Beam
653	Member	4624	☐	1.500	y, z	0.0	Beam
654	Member	4629	☐	0.629	y, z	0.0	Beam
655	Member	4630	☐	1.500	y, z	0.0	Beam
656	Member	4631	☐	1.500	y, z	0.0	Beam
657	Member	4632	☐	1.200	y, z	0.0	Beam
658	Member	4633	☐	1.500	y, z	0.0	Beam
659	Member	4634	☐	0.629	y, z	0.0	Beam
660	Member	4635	☐	1.500	y, z	0.0	Beam
661	Member	4636	☐	1.500	y, z	0.0	Beam
662	Member	4637	☐	1.200	y, z	0.0	Beam
663	Member	4638	☐	1.500	y, z	0.0	Beam
664	Member	4881	☐	0.952	y, z	0.0	Beam
665	Member	4890	☐	0.952	y, z	0.0	Beam
666	Member	4901	☐	0.952	y, z	0.0	Beam
667	Member	4902	☐	0.952	y, z	0.0	Beam
668	Member	4903	☐	1.152	y, z	0.0	Beam
669	Member	4904	☐	1.152	y, z	0.0	Beam
670	Member	4905	☐	1.152	y, z	0.0	Beam
671	Member	4906	☐	1.152	y, z	0.0	Beam
672	Member	4907	☐	1.152	y, z	0.0	Beam
673	Member	4908	☐	1.152	y, z	0.0	Beam
674	Member	4909	☐	1.152	y, z	0.0	Beam
675	Member	4910	☐	1.152	y, z	0.0	Beam
676	Member	4911	☐	1.152	y, z	0.0	Beam
677	Member	4912	☐	1.152	y, z	0.0	Beam
678	Member	4913	☐	1.152	y, z	0.0	Beam
679	Member	4914	☐	1.152	y, z	0.0	Beam
680	Member	4915	☐	1.152	y, z	0.0	Beam
681	Member	4916	☐	1.152	y, z	0.0	Beam
682	Member	4917	☐	1.152	y, z	0.0	Beam
683	Member	4918	☐	1.152	y, z	0.0	Beam
684	Member	4919	☐	1.152	y, z	0.0	Beam
685	Member	4920	☐	1.152	y, z	0.0	Beam
686	Member	4921	☐	1.152	y, z	0.0	Beam
687	Member	4922	☐	1.152	y, z	0.0	Beam
688	Member	4923	☐	1.152	y, z	0.0	Beam
689	Member	4924	☐	1.152	y, z	0.0	Beam
690	Member	4925	☐	1.152	y, z	0.0	Beam
691	Member	4926	☐	1.152	y, z	0.0	Beam

1.9 SERVICEABILITY DATA

No.	Reference to	Members/Sets No.	Reference Length Manually	Reference Length l [m]	Direct.	Precamber e_0 [mm]	Beam Type
692	Member	4927	☐	1.152	y, z	0.0	Beam
693	Member	4928	☐	1.152	y, z	0.0	Beam
694	Member	4929	☐	1.152	y, z	0.0	Beam
695	Member	4930	☐	1.152	y, z	0.0	Beam
696	Member	4931	☐	1.152	y, z	0.0	Beam
697	Member	4932	☐	1.152	y, z	0.0	Beam
698	Member	4933	☐	1.152	y, z	0.0	Beam
699	Member	4934	☐	1.152	y, z	0.0	Beam
700	Member	4935	☐	1.152	y, z	0.0	Beam
701	Member	4936	☐	1.152	y, z	0.0	Beam
702	Member	4937	☐	1.152	y, z	0.0	Beam
703	Member	4938	☐	1.152	y, z	0.0	Beam
704	Member	4939	☐	1.152	y, z	0.0	Beam
705	Member	4940	☐	1.152	y, z	0.0	Beam
706	Member	4941	☐	1.152	y, z	0.0	Beam
707	Member	4942	☐	1.152	y, z	0.0	Beam
708	Member	4943	☐	1.152	y, z	0.0	Beam
709	Member	4944	☐	1.152	y, z	0.0	Beam
710	Member	4945	☐	1.152	y, z	0.0	Beam
711	Member	4946	☐	1.152	y, z	0.0	Beam
712	Member	4947	☐	1.152	y, z	0.0	Beam
713	Member	4948	☐	1.152	y, z	0.0	Beam
714	Member	4949	☐	1.152	y, z	0.0	Beam
715	Member	4950	☐	1.152	y, z	0.0	Beam
716	Member	4951	☐	1.152	y, z	0.0	Beam
717	Member	4952	☐	1.152	y, z	0.0	Beam
718	Member	4953	☐	1.152	y, z	0.0	Beam
719	Member	4954	☐	1.152	y, z	0.0	Beam
720	Member	4955	☐	1.152	y, z	0.0	Beam
721	Member	4956	☐	1.152	y, z	0.0	Beam
722	Member	4957	☐	1.152	y, z	0.0	Beam
723	Member	4958	☐	1.152	y, z	0.0	Beam
724	Member	4959	☐	1.152	y, z	0.0	Beam
725	Member	4960	☐	1.152	y, z	0.0	Beam
726	Member	4961	☐	1.152	y, z	0.0	Beam
727	Member	4962	☐	1.152	y, z	0.0	Beam
728	Member	4963	☐	1.152	y, z	0.0	Beam
729	Member	4964	☐	0.650	y, z	0.0	Beam
730	Member	4965	☐	0.650	y, z	0.0	Beam
731	Member	4966	☐	0.450	y, z	0.0	Beam
732	Member	4967	☐	0.450	y, z	0.0	Beam
733	Member	4968	☐	0.450	y, z	0.0	Beam
734	Member	4969	☐	0.450	y, z	0.0	Beam
735	Member	4970	☐	0.450	y, z	0.0	Beam
736	Member	4971	☐	0.450	y, z	0.0	Beam
737	Member	4972	☐	0.450	y, z	0.0	Beam
738	Member	4973	☐	0.450	y, z	0.0	Beam
739	Member	4974	☐	0.450	y, z	0.0	Beam
740	Member	4975	☐	0.205	y, z	0.0	Beam
741	Member	4976	☐	0.075	y, z	0.0	Beam
742	Member	4977	☐	0.075	y, z	0.0	Beam
743	Member	4978	☐	1.152	y, z	0.0	Beam
744	Member	4979	☐	0.075	y, z	0.0	Beam
745	Member	4980	☐	0.075	y, z	0.0	Beam
746	Member	4981	☐	1.152	y, z	0.0	Beam
747	Member	4982	☐	0.050	y, z	0.0	Beam
748	Member	4983	☐	0.050	y, z	0.0	Beam
749	Member	4984	☐	0.450	y, z	0.0	Beam
750	Member	4985	☐	0.050	y, z	0.0	Beam
751	Member	4986	☐	0.050	y, z	0.0	Beam
752	Member	4987	☐	0.450	y, z	0.0	Beam
753	Member	4988	☐	1.152	y, z	0.0	Beam
754	Member	4989	☐	1.152	y, z	0.0	Beam
755	Member	4990	☐	1.152	y, z	0.0	Beam
756	Member	4991	☐	1.152	y, z	0.0	Beam
757	Member	4992	☐	0.325	y, z	0.0	Beam
758	Member	4993	☐	0.325	y, z	0.0	Beam
759	Member	4994	☐	0.325	y, z	0.0	Beam
760	Member	4995	☐	0.325	y, z	0.0	Beam
761	Member	4996	☐	0.325	y, z	0.0	Beam
762	Member	4997	☐	0.325	y, z	0.0	Beam
763	Member	4998	☐	0.325	y, z	0.0	Beam
764	Member	4999	☐	0.325	y, z	0.0	Beam
765	Member	5000	☐	0.325	y, z	0.0	Beam
766	Member	5001	☐	0.325	y, z	0.0	Beam
767	Member	5002	☐	0.325	y, z	0.0	Beam
768	Member	5003	☐	0.375	y, z	0.0	Beam
769	Member	5004	☐	0.375	y, z	0.0	Beam
770	Member	5005	☐	0.375	y, z	0.0	Beam
771	Member	5006	☐	0.375	y, z	0.0	Beam
772	Member	5007	☐	0.375	y, z	0.0	Beam
773	Member	5008	☐	0.375	y, z	0.0	Beam
774	Member	5009	☐	0.375	y, z	0.0	Beam
775	Member	5010	☐	0.375	y, z	0.0	Beam
776	Member	5011	☐	0.375	y, z	0.0	Beam
777	Member	5172	☐	0.952	y, z	0.0	Beam
778	Member	5173	☐	0.952	y, z	0.0	Beam
779	Member	5174	☐	0.952	y, z	0.0	Beam
780	Member	5175	☐	0.952	y, z	0.0	Beam
781	Member	5176	☐	0.952	y, z	0.0	Beam
782	Member	5177	☐	0.952	y, z	0.0	Beam
783	Member	5178	☐	0.952	y, z	0.0	Beam
784	Member	5242	☐	0.952	y, z	0.0	Beam
785	Member	5243	☐	1.152	y, z	0.0	Beam

1.9 SERVICEABILITY DATA

No.	Reference to	Members/Sets No.	Reference Length Manually	Reference Length l [m]	Direct.	Precamber e_0 [mm]	Beam Type
786	Member	5244	☐	1.152	y, z	0.0	Beam
787	Member	5245	☐	1.152	y, z	0.0	Beam
788	Member	5246	☐	1.152	y, z	0.0	Beam
789	Member	5247	☐	1.152	y, z	0.0	Beam
790	Member	5248	☐	1.152	y, z	0.0	Beam
791	Member	5249	☐	1.152	y, z	0.0	Beam
792	Member	5250	☐	1.152	y, z	0.0	Beam
793	Member	5251	☐	1.152	y, z	0.0	Beam
794	Member	5252	☐	1.152	y, z	0.0	Beam
795	Member	5253	☐	1.152	y, z	0.0	Beam
796	Member	5254	☐	0.952	y, z	0.0	Beam
797	Member	5255	☐	0.952	y, z	0.0	Beam
798	Member	5256	☐	0.952	y, z	0.0	Beam
799	Member	5257	☐	0.952	y, z	0.0	Beam
800	Member	5258	☐	0.952	y, z	0.0	Beam
801	Member	5259	☐	0.952	y, z	0.0	Beam
802	Member	5260	☐	0.952	y, z	0.0	Beam
803	Member	5261	☐	0.952	y, z	0.0	Beam
804	Member	5262	☐	0.952	y, z	0.0	Beam
805	Member	5263	☐	0.952	y, z	0.0	Beam
806	Member	5264	☐	0.952	y, z	0.0	Beam
807	Member	5406	☐	1.861	y, z	0.0	Beam
808	Member	5451	☐	1.152	y, z	0.0	Beam
809	Member	5452	☐	1.152	y, z	0.0	Beam
810	Member	5459	☐	1.152	y, z	0.0	Beam
811	Member	5460	☐	1.152	y, z	0.0	Beam
812	Member	5467	☐	1.152	y, z	0.0	Beam
813	Member	5468	☐	1.152	y, z	0.0	Beam
814	Member	5475	☐	1.152	y, z	0.0	Beam
815	Member	5476	☐	1.152	y, z	0.0	Beam
816	Member	5483	☐	1.152	y, z	0.0	Beam
817	Member	5484	☐	1.152	y, z	0.0	Beam
818	Member	5532	☐	1.152	y, z	0.0	Beam
819	Member	5533	☐	1.152	y, z	0.0	Beam
820	Member	5534	☐	1.152	y, z	0.0	Beam
821	Member	5535	☐	0.629	y, z	0.0	Beam
822	Member	5536	☐	1.500	y, z	0.0	Beam
823	Member	5537	☐	0.629	y, z	0.0	Beam
824	Member	5538	☐	1.500	y, z	0.0	Beam
825	Member	5539	☐	1.152	y, z	0.0	Beam
826	Member	5540	☐	1.152	y, z	0.0	Beam
827	Member	5541	☐	1.152	y, z	0.0	Beam
828	Member	5542	☐	0.629	y, z	0.0	Beam
829	Member	5543	☐	1.500	y, z	0.0	Beam
830	Member	5544	☐	0.629	y, z	0.0	Beam
831	Member	5545	☐	1.500	y, z	0.0	Beam
832	Member	5624	☐	0.629	y, z	0.0	Beam
833	Member	5625	☐	1.500	y, z	0.0	Beam
834	Member	5626	☐	0.629	y, z	0.0	Beam
835	Member	5627	☐	1.500	y, z	0.0	Beam
836	Member	5646	☐	0.775	y, z	0.0	Beam
837	Member	5647	☐	0.775	y, z	0.0	Beam
838	Member	5648	☐	0.775	y, z	0.0	Beam
839	Member	5649	☐	0.775	y, z	0.0	Beam
840	Member	5650	☐	0.775	y, z	0.0	Beam
841	Member	5651	☐	0.775	y, z	0.0	Beam
842	Member	5700	☐	1.152	y, z	0.0	Beam
843	Member	5701	☐	1.152	y, z	0.0	Beam
844	Member	5702	☐	1.152	y, z	0.0	Beam
845	Member	5703	☐	0.629	y, z	0.0	Beam
846	Member	5704	☐	1.500	y, z	0.0	Beam
847	Member	5705	☐	1.152	y, z	0.0	Beam
848	Member	5706	☐	1.152	y, z	0.0	Beam
849	Member	5707	☐	1.152	y, z	0.0	Beam
850	Member	5708	☐	0.629	y, z	0.0	Beam
851	Member	5709	☐	1.500	y, z	0.0	Beam
852	Member	5758	☐	0.629	y, z	0.0	Beam
853	Member	5759	☐	1.500	y, z	0.0	Beam
854	Member	5760	☐	0.629	y, z	0.0	Beam
855	Member	5761	☐	1.500	y, z	0.0	Beam
856	Member	5762	☐	0.952	y, z	0.0	Beam
857	Member	5763	☐	0.952	y, z	0.0	Beam
858	Member	5764	☐	0.952	y, z	0.0	Beam
859	Member	5765	☐	0.952	y, z	0.0	Beam
860	Member	5766	☐	0.952	y, z	0.0	Beam
861	Member	5767	☐	0.952	y, z	0.0	Beam
862	Member	5808	☐	1.152	y, z	0.0	Beam
863	Member	5809	☐	1.152	y, z	0.0	Beam
864	Member	5824	☐	1.152	y, z	0.0	Beam
865	Member	5842	☐	1.152	y, z	0.0	Beam
866	Member	5843	☐	1.152	y, z	0.0	Beam
867	Member	5860	☐	1.152	y, z	0.0	Beam
868	Member	5861	☐	1.152	y, z	0.0	Beam
869	Member	5874	☐	1.152	y, z	0.0	Beam
870	Member	5888	☐	1.152	y, z	0.0	Beam
871	Member	5902	☐	1.152	y, z	0.0	Beam
872	Member	5903	☐	1.152	y, z	0.0	Beam
873	Member	5916	☐	1.152	y, z	0.0	Beam
874	Member	5917	☐	1.152	y, z	0.0	Beam
875	Member	5930	☐	1.152	y, z	0.0	Beam
876	Member	5931	☐	1.152	y, z	0.0	Beam
877	Member	5965	☐	1.152	y, z	0.0	Beam
878	Member	5966	☐	1.152	y, z	0.0	Beam
879	Member	5967	☐	1.152	y, z	0.0	Beam

1.9 SERVICEABILITY DATA

No.	Reference to	Members/Sets No.	Reference Length Manually	Reference Length l [m]	Direct.	Precamber e_0 [mm]	Beam Type
880	Member	5987	☐	1.152	y, z	0.0	Beam
881	Member	5988	☐	1.152	y, z	0.0	Beam
882	Member	5989	☐	1.500	y, z	0.0	Beam
883	Member	5990	☐	1.500	y, z	0.0	Beam
884	Member	5991	☐	1.152	y, z	0.0	Beam
885	Member	5992	☐	1.152	y, z	0.0	Beam
886	Member	5993	☐	1.500	y, z	0.0	Beam
887	Member	5994	☐	1.500	y, z	0.0	Beam
888	Member	5998	☐	1.152	y, z	0.0	Beam
889	Member	5999	☐	1.152	y, z	0.0	Beam
890	Member	6000	☐	1.152	y, z	0.0	Beam
891	Member	6001	☐	1.200	y, z	0.0	Beam
892	Member	6002	☐	1.200	y, z	0.0	Beam
893	Member	6003	☐	1.200	y, z	0.0	Beam
894	Member	6004	☐	1.200	y, z	0.0	Beam
895	Member	6005	☐	1.152	y, z	0.0	Beam
896	Member	6006	☐	1.152	y, z	0.0	Beam
897	Member	6007	☐	1.152	y, z	0.0	Beam
898	Member	6008	☐	1.500	y, z	0.0	Beam
899	Member	6009	☐	1.500	y, z	0.0	Beam
900	Member	6010	☐	1.500	y, z	0.0	Beam
901	Member	6011	☐	1.500	y, z	0.0	Beam
902	Member	6012	☐	1.152	y, z	0.0	Beam
903	Member	6013	☐	1.152	y, z	0.0	Beam
904	Member	6014	☐	0.960	y, z	0.0	Beam
905	Member	6015	☐	0.960	y, z	0.0	Beam
906	Member	6016	☐	0.960	y, z	0.0	Beam
907	Member	6017	☐	0.960	y, z	0.0	Beam
908	Member	6044	☐	1.152	y, z	0.0	Beam
909	Member	6045	☐	1.152	y, z	0.0	Beam
910	Member	6060	☐	1.152	y, z	0.0	Beam
911	Member	6078	☐	1.152	y, z	0.0	Beam
912	Member	6079	☐	1.152	y, z	0.0	Beam
913	Member	6096	☐	1.152	y, z	0.0	Beam
914	Member	6097	☐	0.002	y, z	0.0	Beam
915	Member	6110	☐	1.152	y, z	0.0	Beam
916	Member	6123	☐	1.152	y, z	0.0	Beam
917	Member	6136	☐	1.152	y, z	0.0	Beam
918	Member	6137	☐	1.152	y, z	0.0	Beam
919	Member	6150	☐	1.152	y, z	0.0	Beam
920	Member	6151	☐	1.152	y, z	0.0	Beam
921	Member	6164	☐	1.152	y, z	0.0	Beam
922	Member	6165	☐	1.152	y, z	0.0	Beam
923	Member	6199	☐	1.152	y, z	0.0	Beam
924	Member	6200	☐	1.152	y, z	0.0	Beam
925	Member	6201	☐	1.152	y, z	0.0	Beam
926	Member	6221	☐	1.152	y, z	0.0	Beam
927	Member	6222	☐	1.152	y, z	0.0	Beam
928	Member	6223	☐	1.500	y, z	0.0	Beam
929	Member	6224	☐	1.500	y, z	0.0	Beam
930	Member	6225	☐	0.002	y, z	0.0	Beam
931	Member	6226	☐	1.152	y, z	0.0	Beam
932	Member	6227	☐	1.500	y, z	0.0	Beam
933	Member	6228	☐	1.500	y, z	0.0	Beam
934	Member	6232	☐	1.152	y, z	0.0	Beam
935	Member	6233	☐	1.152	y, z	0.0	Beam
936	Member	6234	☐	1.152	y, z	0.0	Beam
937	Member	6235	☐	1.200	y, z	0.0	Beam
938	Member	6236	☐	1.200	y, z	0.0	Beam
939	Member	6237	☐	1.200	y, z	0.0	Beam
940	Member	6238	☐	1.200	y, z	0.0	Beam
941	Member	6239	☐	1.152	y, z	0.0	Beam
942	Member	6240	☐	1.152	y, z	0.0	Beam
943	Member	6241	☐	1.152	y, z	0.0	Beam
944	Member	6242	☐	1.500	y, z	0.0	Beam
945	Member	6243	☐	1.500	y, z	0.0	Beam
946	Member	6244	☐	1.500	y, z	0.0	Beam
947	Member	6245	☐	1.500	y, z	0.0	Beam
948	Member	6246	☐	1.152	y, z	0.0	Beam
949	Member	6247	☐	1.152	y, z	0.0	Beam
950	Member	6248	☐	0.960	y, z	0.0	Beam
951	Member	6249	☐	0.960	y, z	0.0	Beam
952	Member	6250	☐	0.960	y, z	0.0	Beam
953	Member	6251	☐	0.960	y, z	0.0	Beam
954	Member	6293	☐	1.152	y, z	0.0	Beam
955	Member	6294	☐	1.152	y, z	0.0	Beam
956	Member	6295	☐	1.152	y, z	0.0	Beam
957	Member	6296	☐	1.152	y, z	0.0	Beam
958	Member	6297	☐	1.152	y, z	0.0	Beam
959	Member	6298	☐	1.152	y, z	0.0	Beam
960	Member	6299	☐	1.152	y, z	0.0	Beam
961	Member	6300	☐	1.152	y, z	0.0	Beam
962	Member	6301	☐	1.152	y, z	0.0	Beam
963	Member	6302	☐	1.152	y, z	0.0	Beam
964	Member	6303	☐	1.152	y, z	0.0	Beam
965	Member	6304	☐	1.152	y, z	0.0	Beam
966	Member	6356	☐	1.152	y, z	0.0	Beam
967	Member	6357	☐	1.152	y, z	0.0	Beam
968	Member	6358	☐	1.152	y, z	0.0	Beam
969	Member	6359	☐	1.152	y, z	0.0	Beam
970	Member	6360	☐	1.152	y, z	0.0	Beam
971	Member	6361	☐	1.152	y, z	0.0	Beam
972	Member	6362	☐	1.152	y, z	0.0	Beam
973	Member	6363	☐	1.152	y, z	0.0	Beam

1.9 SERVICEABILITY DATA

No.	Reference to	Members/Sets No.	Reference Length Manually	Reference Length l [m]	Direct.	Precamber e_0 [mm]	Beam Type
974	Member	6449	☐	1.152	y, z	0.0	Beam
975	Member	6450	☐	1.152	y, z	0.0	Beam
976	Member	6451	☐	1.152	y, z	0.0	Beam
977	Member	6452	☐	1.152	y, z	0.0	Beam
978	Member	6453	☐	1.152	y, z	0.0	Beam
979	Member	6454	☐	1.152	y, z	0.0	Beam
980	Member	6455	☐	1.152	y, z	0.0	Beam
981	Member	6456	☐	1.152	y, z	0.0	Beam
982	Member	6457	☐	1.152	y, z	0.0	Beam
983	Member	6458	☐	1.152	y, z	0.0	Beam
984	Member	6459	☐	1.152	y, z	0.0	Beam
985	Member	6460	☐	1.152	y, z	0.0	Beam
986	Member	6512	☐	1.152	y, z	0.0	Beam
987	Member	6513	☐	1.152	y, z	0.0	Beam
988	Member	6514	☐	1.152	y, z	0.0	Beam
989	Member	6515	☐	1.152	y, z	0.0	Beam
990	Member	6516	☐	1.152	y, z	0.0	Beam
991	Member	6517	☐	1.152	y, z	0.0	Beam
992	Member	6518	☐	1.152	y, z	0.0	Beam
993	Member	6519	☐	1.152	y, z	0.0	Beam
994	Member	7090	☐	1.152	y, z	0.0	Beam
995	Member	7091	☐	1.152	y, z	0.0	Beam
996	Member	7092	☐	1.152	y, z	0.0	Beam
997	Member	8553	☐	1.152	y, z	0.0	Beam
998	Member	8554	☐	1.152	y, z	0.0	Beam
999	Member	8555	☐	1.152	y, z	0.0	Beam
1000	Member	8557	☐	1.152	y, z	0.0	Beam
1001	Member	8558	☐	1.152	y, z	0.0	Beam
1002	Member	8560	☐	1.152	y, z	0.0	Beam
1003	Member	8561	☐	1.152	y, z	0.0	Beam
1004	Member	8587	☐	1.152	y, z	0.0	Beam
1005	Member	8588	☐	1.152	y, z	0.0	Beam
1006	Member	8589	☐	1.152	y, z	0.0	Beam
1007	Member	8600	☐	1.152	y, z	0.0	Beam
1008	Member	8601	☐	1.152	y, z	0.0	Beam
1009	Member	8603	☐	1.152	y, z	0.0	Beam
1010	Member	8604	☐	1.152	y, z	0.0	Beam
1011	Member	8612	☐	1.152	y, z	0.0	Beam
1012	Member	8613	☐	1.152	y, z	0.0	Beam
1013	Member	8614	☐	1.152	y, z	0.0	Beam
1014	Member	8639	☐	1.152	y, z	0.0	Beam
1015	Member	8640	☐	1.152	y, z	0.0	Beam
1016	Member	8643	☐	1.152	y, z	0.0	Beam
1017	Member	8644	☐	1.152	y, z	0.0	Beam
1018	Member	8646	☐	1.152	y, z	0.0	Beam
1019	Member	8647	☐	1.152	y, z	0.0	Beam
1020	Member	8662	☐	1.152	y, z	0.0	Beam
1021	Member	8663	☐	1.152	y, z	0.0	Beam
1022	Member	8684	☐	1.152	y, z	0.0	Beam
1023	Member	8685	☐	1.152	y, z	0.0	Beam
1024	Member	8686	☐	1.152	y, z	0.0	Beam
1025	Member	8687	☐	1.152	y, z	0.0	Beam
1026	Member	8689	☐	1.152	y, z	0.0	Beam
1027	Member	8690	☐	1.152	y, z	0.0	Beam
1028	Member	8713	☐	1.152	y, z	0.0	Beam
1029	Member	8714	☐	1.152	y, z	0.0	Beam
1030	Member	8729	☐	1.152	y, z	0.0	Beam
1031	Member	8730	☐	1.152	y, z	0.0	Beam
1032	Member	8732	☐	1.152	y, z	0.0	Beam
1033	Member	8733	☐	1.152	y, z	0.0	Beam
1034	Member	8772	☐	1.152	y, z	0.0	Beam
1035	Member	8773	☐	1.152	y, z	0.0	Beam
1036	Member	8775	☐	1.152	y, z	0.0	Beam
1037	Member	8776	☐	1.152	y, z	0.0	Beam
1038	Member	8815	☐	1.152	y, z	0.0	Beam
1039	Member	8816	☐	1.152	y, z	0.0	Beam
1040	Member	8818	☐	1.152	y, z	0.0	Beam
1041	Member	8819	☐	1.152	y, z	0.0	Beam
1042	Member	8858	☐	1.152	y, z	0.0	Beam
1043	Member	8859	☐	1.152	y, z	0.0	Beam
1044	Member	8861	☐	1.152	y, z	0.0	Beam
1045	Member	8862	☐	1.152	y, z	0.0	Beam
1046	Member	8901	☐	1.152	y, z	0.0	Beam
1047	Member	8902	☐	1.152	y, z	0.0	Beam
1048	Member	8904	☐	1.152	y, z	0.0	Beam
1049	Member	8905	☐	1.152	y, z	0.0	Beam
1050	Member	8944	☐	1.152	y, z	0.0	Beam
1051	Member	8945	☐	1.152	y, z	0.0	Beam
1052	Member	8947	☐	1.152	y, z	0.0	Beam
1053	Member	8948	☐	1.152	y, z	0.0	Beam
1054	Member	8987	☐	1.152	y, z	0.0	Beam
1055	Member	8988	☐	1.152	y, z	0.0	Beam
1056	Member	8990	☐	1.152	y, z	0.0	Beam
1057	Member	8991	☐	1.152	y, z	0.0	Beam
1058	Member	9030	☐	1.152	y, z	0.0	Beam
1059	Member	9031	☐	1.152	y, z	0.0	Beam
1060	Member	9033	☐	1.152	y, z	0.0	Beam
1061	Member	9034	☐	1.152	y, z	0.0	Beam
1062	Member	9105	☐	1.090	y, z	0.0	Beam
1063	Member	9108	☐	1.090	y, z	0.0	Beam
1064	Member	9109	☐	1.090	y, z	0.0	Beam
1065	Member	9110	☐	1.090	y, z	0.0	Beam
1066	Member	9111	☐	1.090	y, z	0.0	Beam
1067	Member	9112	☐	1.090	y, z	0.0	Beam

1.9 SERVICEABILITY DATA

No.	Reference to	Members/Sets No.	Reference Length Manually	Reference Length l [m]	Direct.	Precamber e_0 [mm]	Beam Type
1068	Member	9113	☐	1.090	y, z	0.0	Beam
1069	Member	9128	☐	1.090	y, z	0.0	Beam
1070	Member	9131	☐	1.090	y, z	0.0	Beam
1071	Member	9132	☐	1.090	y, z	0.0	Beam
1072	Member	9133	☐	1.090	y, z	0.0	Beam
1073	Member	9134	☐	1.090	y, z	0.0	Beam
1074	Member	9135	☐	1.090	y, z	0.0	Beam
1075	Member	9136	☐	1.090	y, z	0.0	Beam
1076	Member	9151	☐	1.090	y, z	0.0	Beam
1077	Member	9154	☐	1.090	y, z	0.0	Beam
1078	Member	9155	☐	1.090	y, z	0.0	Beam
1079	Member	9156	☐	1.090	y, z	0.0	Beam
1080	Member	9157	☐	1.090	y, z	0.0	Beam
1081	Member	9158	☐	1.090	y, z	0.0	Beam
1082	Member	9159	☐	1.090	y, z	0.0	Beam
1083	Member	9174	☐	1.090	y, z	0.0	Beam
1084	Member	9177	☐	1.090	y, z	0.0	Beam
1085	Member	9178	☐	1.090	y, z	0.0	Beam
1086	Member	9179	☐	1.090	y, z	0.0	Beam
1087	Member	9180	☐	1.090	y, z	0.0	Beam
1088	Member	9181	☐	1.090	y, z	0.0	Beam
1089	Member	9182	☐	1.090	y, z	0.0	Beam
1090	Member	9197	☐	1.090	y, z	0.0	Beam
1091	Member	9200	☐	1.090	y, z	0.0	Beam
1092	Member	9201	☐	1.090	y, z	0.0	Beam
1093	Member	9202	☐	1.090	y, z	0.0	Beam
1094	Member	9203	☐	1.090	y, z	0.0	Beam
1095	Member	9204	☐	1.090	y, z	0.0	Beam
1096	Member	9205	☐	1.090	y, z	0.0	Beam
1097	Member	9207	☐	2.640	y, z	0.0	Beam
1098	Member	9209	☐	1.500	y, z	0.0	Beam
1099	Member	9210	☐	1.500	y, z	0.0	Beam
1100	Member	9211	☐	1.500	y, z	0.0	Beam
1101	Member	9212	☐	1.500	y, z	0.0	Beam
1102	Member	9215	☐	1.500	y, z	0.0	Beam
1103	Member	9217	☐	2.640	y, z	0.0	Beam
1104	Member	9219	☐	1.500	y, z	0.0	Beam
1105	Member	9220	☐	2.640	y, z	0.0	Beam
1106	Member	9221	☐	2.640	y, z	0.0	Beam
1107	Member	9222	☐	2.640	y, z	0.0	Beam
1108	Member	9223	☐	1.500	y, z	0.0	Beam
1109	Member	9224	☐	2.640	y, z	0.0	Beam
1110	Member	9226	☐	2.640	y, z	0.0	Beam
1111	Member	9228	☐	2.640	y, z	0.0	Beam
1112	Member	9229	☐	2.640	y, z	0.0	Beam
1113	Member	9230	☐	2.640	y, z	0.0	Beam
1114	Member	9231	☐	1.500	y, z	0.0	Beam
1115	Member	9233	☐	2.640	y, z	0.0	Beam
1116	Member	9235	☐	1.500	y, z	0.0	Beam
1117	Member	9236	☐	2.640	y, z	0.0	Beam
1118	Member	9237	☐	2.640	y, z	0.0	Beam
1119	Member	9238	☐	2.640	y, z	0.0	Beam
1120	Member	9239	☐	1.500	y, z	0.0	Beam
1121	Member	9240	☐	2.640	y, z	0.0	Beam
1122	Member	9241	☐	2.640	y, z	0.0	Beam
1123	Member	9242	☐	2.640	y, z	0.0	Beam
1124	Member	9243	☐	1.500	y, z	0.0	Beam
1125	Member	9244	☐	2.640	y, z	0.0	Beam
1126	Member	9245	☐	2.640	y, z	0.0	Beam
1127	Member	9246	☐	2.640	y, z	0.0	Beam
1128	Member	9247	☐	1.500	y, z	0.0	Beam
1129	Member	9249	☐	2.640	y, z	0.0	Beam
1130	Member	9255	☐	0.147	y, z	0.0	Beam
1131	Member	9256	☐	1.500	y, z	0.0	Beam
1132	Member	9258	☐	2.640	y, z	0.0	Beam
1133	Member	9260	☐	1.500	y, z	0.0	Beam
1134	Member	9261	☐	2.640	y, z	0.0	Beam
1135	Member	9262	☐	2.640	y, z	0.0	Beam
1136	Member	9263	☐	2.640	y, z	0.0	Beam
1137	Member	9264	☐	1.500	y, z	0.0	Beam
1138	Member	9265	☐	2.640	y, z	0.0	Beam
1139	Member	9267	☐	2.640	y, z	0.0	Beam
1140	Member	9269	☐	2.640	y, z	0.0	Beam
1141	Member	9270	☐	2.640	y, z	0.0	Beam
1142	Member	9271	☐	2.640	y, z	0.0	Beam
1143	Member	9272	☐	1.500	y, z	0.0	Beam
1144	Member	9274	☐	2.640	y, z	0.0	Beam
1145	Member	9276	☐	1.500	y, z	0.0	Beam
1146	Member	9277	☐	2.640	y, z	0.0	Beam
1147	Member	9278	☐	2.640	y, z	0.0	Beam
1148	Member	9279	☐	2.640	y, z	0.0	Beam
1149	Member	9280	☐	1.500	y, z	0.0	Beam
1150	Member	9281	☐	2.640	y, z	0.0	Beam
1151	Member	9282	☐	2.640	y, z	0.0	Beam
1152	Member	9283	☐	2.640	y, z	0.0	Beam
1153	Member	9284	☐	1.500	y, z	0.0	Beam
1154	Member	9285	☐	2.640	y, z	0.0	Beam
1155	Member	9286	☐	2.640	y, z	0.0	Beam
1156	Member	9287	☐	2.640	y, z	0.0	Beam
1157	Member	9288	☐	1.500	y, z	0.0	Beam
1158	Member	10027	☐	0.387	y, z	0.0	Beam
1159	Member	10030	☐	0.147	y, z	0.0	Beam
1160	Member	10047	☐	0.842	y, z	0.0	Beam
1161	Member	10096	☐	0.387	y, z	0.0	Beam

1.9 SERVICEABILITY DATA

No.	Reference to	Members/Sets No.	Reference Length Manually	Reference Length l [m]	Direct.	Precamber e_0 [mm]	Beam Type
1162	Member	10460	☐	1.090	y, z	0.0	Beam
1163	Member	10461	☐	1.090	y, z	0.0	Beam
1164	Member	10462	☐	1.090	y, z	0.0	Beam
1165	Member	10463	☐	1.090	y, z	0.0	Beam
1166	Member	10464	☐	1.090	y, z	0.0	Beam
1167	Member	10470	☐	1.090	y, z	0.0	Beam
1168	Member	10471	☐	1.090	y, z	0.0	Beam
1169	Member	10472	☐	1.090	y, z	0.0	Beam
1170	Member	10473	☐	1.090	y, z	0.0	Beam
1171	Member	10474	☐	1.090	y, z	0.0	Beam
1172	Member	10480	☐	1.090	y, z	0.0	Beam
1173	Member	10481	☐	1.090	y, z	0.0	Beam
1174	Member	10482	☐	1.090	y, z	0.0	Beam
1175	Member	10483	☐	1.090	y, z	0.0	Beam
1176	Member	10484	☐	1.090	y, z	0.0	Beam
1177	Member	10597	☐	2.640	y, z	0.0	Beam
1178	Member	10599	☐	2.640	y, z	0.0	Beam
1179	Member	10601	☐	2.640	y, z	0.0	Beam
1180	Member	10602	☐	2.640	y, z	0.0	Beam
1181	Member	10603	☐	2.640	y, z	0.0	Beam
1182	Member	10604	☐	2.640	y, z	0.0	Beam
1183	Member	10605	☐	2.640	y, z	0.0	Beam
1184	Member	10606	☐	2.640	y, z	0.0	Beam
1185	Member	10607	☐	2.640	y, z	0.0	Beam
1186	Member	10609	☐	2.640	y, z	0.0	Beam
1187	Member	10616	☐	2.640	y, z	0.0	Beam
1188	Member	10618	☐	1.500	y, z	0.0	Beam
1189	Member	10623	☐	2.640	y, z	0.0	Beam
1190	Member	10625	☐	2.640	y, z	0.0	Beam
1191	Member	10628	☐	2.640	y, z	0.0	Beam
1192	Member	10630	☐	2.640	y, z	0.0	Beam
1193	Member	10631	☐	2.640	y, z	0.0	Beam
1194	Member	10632	☐	2.640	y, z	0.0	Beam
1195	Member	10633	☐	2.640	y, z	0.0	Beam
1196	Member	10634	☐	2.640	y, z	0.0	Beam
1197	Member	10635	☐	2.640	y, z	0.0	Beam
1198	Member	10636	☐	2.640	y, z	0.0	Beam
1199	Member	10637	☐	2.640	y, z	0.0	Beam
1200	Member	10639	☐	2.640	y, z	0.0	Beam
1201	Member	10641	☐	0.617	y, z	0.0	Beam
1202	Member	10643	☐	0.147	y, z	0.0	Beam
1203	Member	10644	☐	0.842	y, z	0.0	Beam
1204	Member	10646	☐	2.640	y, z	0.0	Beam
1205	Member	10648	☐	1.500	y, z	0.0	Beam
1206	Member	10653	☐	2.640	y, z	0.0	Beam
1207	Member	10655	☐	2.640	y, z	0.0	Beam
1208	Member	10688	☐	0.310	y, z	0.0	Beam
1209	Member	10693	☐	0.387	y, z	0.0	Beam
1210	Member	10694	☐	0.617	y, z	0.0	Beam
1211	Member	10695	☐	0.310	y, z	0.0	Beam
1212	Member	10700	☐	0.387	y, z	0.0	Beam
1213	Member	10701	☐	0.617	y, z	0.0	Beam
1214	Member	10702	☐	0.310	y, z	0.0	Beam
1215	Member	10853	☐	0.310	y, z	0.0	Beam
1216	Member	10855	☐	0.617	y, z	0.0	Beam

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
73	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
74	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
75	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
76	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
77	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
78	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
79	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
80	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
81	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
82	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
83	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
84	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
85	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
86	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
87	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
88	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
89	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
90	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 o

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
91	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
92	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
93	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
94	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 o

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						or 2
	0.000	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
95	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
96	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
145	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
146	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
147	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
148	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
149	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
150	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
151	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
152	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
153	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
154	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
155	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
156	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
157	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
158	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
159	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
160	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
161	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 o

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
162	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
163	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
317	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.12	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
318	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
319	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
320	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.11	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.11	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
321	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
322	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
323	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.13	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.13	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.13	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
324	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 o

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
325	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
326	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.10	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.10	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
327	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						y-direction
328	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
355	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
358	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
361	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
364	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
469	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
470	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
471	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
472	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
473	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
474	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
475	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
476	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
477	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
478	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.384	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
479	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
480	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 o

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						or 2
	1.152	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
507	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
510	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
513	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
516	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
581	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.09	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.09	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
582	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. t

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
583	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.152	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
592	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
605	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
606	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
607	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
616	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
701	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.768	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
702	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
703	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
704	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
705	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
706	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.768	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.768	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.768	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
707	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
708	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
709	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
710	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
711	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
712	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.384	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
713	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
714	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						y-direction
715	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
716	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
717	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
718	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
719	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
720	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
721	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
856	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.629	RC9	0.07	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.315	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.629	RC9	0.07	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.629	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.315	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.315	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.315	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.315	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.315	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.315	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
857	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.500	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC1	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC1	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.000	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.000	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
858	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.315	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.315	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.13	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.315	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.315	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.315	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.315	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.315	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.315	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
859	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.500	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC1	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC1	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.500	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	1.000	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.000	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.000	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.000	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
866	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.315	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.315	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.315	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.315	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.315	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.315	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.315	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.315	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.315	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
867	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.500	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.500	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.000	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.000	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.000	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.500	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.500	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.500	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
868	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.315	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.315	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.315	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.315	RC9	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.315	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.315	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.315	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.315	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.315	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.315	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
869	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.5 and 6.2.8
	0.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.000	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.000	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.500	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.500	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.500	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
876	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.750	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.750	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.125	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.750	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.500	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.125	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.125	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.125	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.125	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
877	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.500	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.750	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.750	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.125	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.750	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.500	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.125	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.125	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.125	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.125	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
878	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.500	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.000	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.000	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.000	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
879	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.500	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.000	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.000	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.000	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
880	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.375	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.125	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.750	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.375	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.125	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.750	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.375	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.375	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.375	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.375	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.750	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.750	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.750	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
881	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.750	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.125	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.750	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.750	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	1.125	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.750	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.375	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.375	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.375	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.750	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.750	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.750	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
882	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.500	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.500	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.500	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.500	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.500	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
883	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.500	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC9	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC9	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.500	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.000	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.000	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.000	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
884	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.800	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.800	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.800	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.8
	0.000	RC9	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.400	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.400	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.400	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.800	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.800	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.800	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.400	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.400	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.400	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
894	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.315	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.315	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.315	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.315	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.315	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.315	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.315	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
895	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.500	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.500	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.500	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.000	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.500	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.500	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.500	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
896	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.629	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.315	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.629	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.315	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.315	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.315	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.315	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.315	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.315	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
897	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.500	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.500	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.500	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.500	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.500	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.500	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
898	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.500	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.125	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.750	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.750	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.125	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.750	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.500	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.125	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.125	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.125	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.125	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
899	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.500	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.750	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC1	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.750	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC1	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.125	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.750	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.500	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.125	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	1.125	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.125	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.125	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
900	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.375	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.188	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.188	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.188	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.188	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.188	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.188	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.188	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.188	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
901	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.500	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.500	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.500	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.000	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
902	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.750	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.750	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.750	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.750	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.375	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.750	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.375	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.375	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.375	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.375	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.375	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.375	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
903	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.750	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.750	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.750	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.750	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.375	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.750	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.375	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.750	RC9	0.03	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.375	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.375	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.375	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.375	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.375	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
904	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.000	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.000	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.500	RC2	0.05	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.500	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.500	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
905	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.500	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.000	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.500	RC2	0.05	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.500	RC3	0.02	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.500	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
906	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.315	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.315	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.08	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 o

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						or 2
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.08	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.315	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.315	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.315	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.315	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.315	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.315	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
907	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.500	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.07	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.07	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.500	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.500	RC1	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.000	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.000	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.000	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.500	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
908	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.315	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.315	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.315	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.315	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.315	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.315	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.315	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.315	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.315	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.315	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.315	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
909	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.500	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.000	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.500	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.500	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.500	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	1.000	RC9	0.12	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.000	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.500	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.500	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.500	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
910	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.893	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.893	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.893	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.893	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.893	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.446	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.893	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.893	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.893	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.893	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.893	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.893	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.893	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
911	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.339	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.893	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.893	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.893	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.339	RC9	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.893	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.339	RC9	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.893	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.446	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.893	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.446	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.446	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.893	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.893	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.893	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.893	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
912	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.161	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.080	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.080	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.080	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.080	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.080	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
913	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.080	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.080	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.080	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
914	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.125	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.750	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.750	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.375	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.375	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.375	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.125	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.750	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.750	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.375	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.375	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.750	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.750	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.750	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
915	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.750	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.125	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.750	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.125	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.750	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.375	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.125	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.750	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.375	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.375	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.375	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.375	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
916	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.14	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.14	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.14	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
917	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
918	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
919	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
920	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
921	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
922	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
923	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.14	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
924	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.10	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.10	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
925	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
926	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
927	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
928	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
929	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
930	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
931	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
932	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
933	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
986	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.315	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.629	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.629	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.629	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.14	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.315	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.315	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.315	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.315	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
987	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.500	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.500	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.500	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.000	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	1.000	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.000	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.000	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
988	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.315	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.629	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.315	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.629	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.15	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.315	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.315	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.315	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.315	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
989	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.500	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.500	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.500	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.500	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.000	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.000	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.000	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.000	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.500	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.500	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
990	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.629	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.315	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.315	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.629	RC9	0.21	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.315	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.629	RC9	0.21	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.629	RC9	0.21	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.315	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.315	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.315	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.315	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.315	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.315	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
991	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.500	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.6, 6.2.7 and 6.2.9
	0.500	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.000	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.000	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.500	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.500	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.500	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
992	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.629	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.315	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.315	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.629	RC1	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.315	RC9	0.04	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.629	RC1	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.629	RC9	0.29	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.315	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.315	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.315	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.315	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.315	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.315	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
993	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.500	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.500	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.500	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.500	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.500	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1006	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.750	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.750	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.375	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.750	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.375	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.125	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.125	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.125	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1007	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.750	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.375	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.750	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.375	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.750	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.375	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.125	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.125	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.125	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1008	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.200	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.200	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.400	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.200	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.800	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.800	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.400	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.200	RC9	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.200	RC9	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.400	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.400	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.400	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.400	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.400	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.400	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1009	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.200	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.800	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.800	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.800	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.400	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.800	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.9.1
	1.200	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.400	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.800	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.800	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.800	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.400	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.400	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.400	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1016	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.500	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.750	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.750	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.375	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.750	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.500	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.125	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.125	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.125	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.125	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1017	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.500	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.750	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC1	0.07	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.750	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC1	0.07	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.125	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.750	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.500	RC1	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.125	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.125	RC2	0.03	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.125	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.125	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1020	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.500	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.125	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.125	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.750	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.750	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.375	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.750	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.375	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.125	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.750	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.750	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.750	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1021	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.500	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.125	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.125	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.750	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC1	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.750	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC1	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.125	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.750	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.500	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.125	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.125	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.125	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.125	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1022	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.800	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.800	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.200	RC1	0.08	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.400	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.400	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.200	RC1	0.08	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.800	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.400	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.200	RC1	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.800	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.800	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.800	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.400	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.800	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.800	RC2	0.05	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.800	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.800	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1023	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.800	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.800	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.800	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.800	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.800	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.400	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.800	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.400	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.200	RC9	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.200	RC9	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.800	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.400	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.400	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.400	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.400	RC2	0.03	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.400	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.400	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1024	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.125	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.125	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.750	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC1	0.11	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.750	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.750	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC1	0.11	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.125	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.750	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.500	RC1	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.125	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.125	RC9	0.10	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.125	RC2	0.03	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.125	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.125	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1025	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.500	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.125	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.125	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.750	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC1	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.750	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC1	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.125	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.750	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.500	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.125	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.125	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.750	RC2	0.04	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.750	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.750	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1034	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.629	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.629	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.315	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.629	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.629	RC9	0.26	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.315	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.315	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.315	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.315	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.315	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.315	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1035	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.750	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.750	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.125	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.750	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.500	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.125	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.375	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.375	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.375	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1036	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.629	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.315	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.315	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.315	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.629	RC9	0.26	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.315	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.315	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.315	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.315	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.315	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.315	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1037	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.750	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.750	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	1.500	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.125	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.750	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.500	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.125	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.375	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.375	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.375	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1038	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.500	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC1	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC1	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.000	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.000	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.000	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1039	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.500	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.000	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1040	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.800	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.800	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.800	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.800	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.400	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.400	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.200	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.800	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.800	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.800	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.400	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.400	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.400	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.400	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.400	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1041	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.800	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.800	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.400	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.400	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.800	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.200	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.800	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.800	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.800	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.400	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.800	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.400	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.400	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.400	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1042	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.125	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.125	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.750	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC1	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.750	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC1	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.125	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.750	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.375	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.125	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.125	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.125	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1043	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.125	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	1.125	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.750	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC1	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.750	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.750	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC1	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.125	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.750	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.500	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.125	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.125	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.125	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.125	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1044	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.315	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.315	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.315	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.09	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.315	RC9	0.04	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.629	RC9	0.25	≤ 1	CS156)	Cross-section check - Bending about z-axis, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.000	RC9	0.09	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.629	RC9	0.29	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.629	RC9	0.42	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.315	RC9	0.31	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.315	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.315	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.315	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.315	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.315	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.315	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1045	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.500	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.500	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.500	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
1046	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.315	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.315	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.315	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.629	RC1	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.315	RC9	0.05	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.629	RC1	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.629	RC9	0.22	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.629	RC9	0.36	≤ 1	CS206)	Cross-section check - Bending about z-axis, shear, torsion and axial force acc. to 6.2.9.1
	0.629	RC9	0.50	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
	0.315	RC9	0.37	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.315	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.315	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.315	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.315	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.315	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.315	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1047	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.500	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.000	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.000	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.500	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.500	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.500	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1048	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.500	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.500	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.500	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.000	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.000	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.000	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.000	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1049	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.000	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.000	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.000	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1050	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.200	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.400	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.400	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.400	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.200	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.800	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.800	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.800	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.800	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.400	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.400	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.400	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1051	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.200	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.800	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.200	RC9	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.800	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.200	RC9	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.800	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.800	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.200	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.800	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.400	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.800	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.400	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.400	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.400	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.400	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1052	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.500	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.500	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.750	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.750	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.375	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.750	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.375	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.375	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.125	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.125	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1053	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.500	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.750	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC1	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.750	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC1	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.125	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.750	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.500	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.125	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.125	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.375	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.375	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1102	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1103	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1104	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1105	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1106	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1107	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.9.1
	1.152	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1128	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1129	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1130	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1145	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1146	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
1147	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1162	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1163	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1164	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1181	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.387	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.387	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.387	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.194	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.194	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.194	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
1182	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.309	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.617	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.309	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.617	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.309	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.309	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.309	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.309	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.309	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.309	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1183	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.155	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.310	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.310	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.310	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.155	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.155	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.155	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.155	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
1223	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.194	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.194	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.194	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.194	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.194	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.194	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.194	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
1234	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.617	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.309	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.309	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.617	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.309	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.309	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.309	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.309	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.309	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.309	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1235	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.310	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.155	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.310	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.310	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.310	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.155	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.155	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.155	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
1268	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1269	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1270	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1271	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1272	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1273	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1274	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1275	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1276	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1277	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1301	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.194	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.194	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.194	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.387	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.387	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.387	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.194	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.194	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.194	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.194	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
1302	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.617	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.309	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.309	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.617	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.617	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.617	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.05	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.617	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.309	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.309	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.309	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.309	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.309	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.309	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1303	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.155	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.310	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.155	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.310	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.155	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.155	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.155	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
1324	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1325	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
1326	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.9.1
	1.152	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1327	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1328	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1329	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1350	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1351	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1352	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1367	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1368	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1369	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1384	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1385	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
1386	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1409	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.194	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.194	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.387	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.387	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.194	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.194	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.194	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.194	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
1414	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.617	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.617	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.617	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.309	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.309	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.309	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.309	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.309	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.309	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1415	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.310	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.155	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.155	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.155	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.310	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.155	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.155	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
1490	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.768	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
1491	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1492	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1493	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.384	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1494	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1495	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1496	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
1497	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1498	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1499	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.384	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1526	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.480	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.480	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.480	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.480	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.480	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.480	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.480	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.480	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.480	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.480	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.480	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1527	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.500	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.500	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.500	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.000	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.000	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1528	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.480	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.480	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.480	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.480	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.480	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.480	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.480	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.480	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.480	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.480	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.480	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1529	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.500	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.500	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.500	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.000	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.000	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1530	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.480	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.480	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.480	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.480	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.480	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.480	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.480	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.480	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.480	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.480	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.480	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.480	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.480	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.480	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.480	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1531	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.500	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.500	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.000	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.000	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.000	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1532	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.480	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.480	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.480	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.480	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.480	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.480	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.480	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.480	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.480	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.480	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.480	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.480	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.480	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.480	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1533	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.500	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.000	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.500	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.500	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.500	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.000	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.000	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.000	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1546	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.480	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.480	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.480	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.480	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.480	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.480	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.480	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.480	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.480	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.480	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1547	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.500	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.500	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.500	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.500	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.000	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1548	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.960	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.480	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.480	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.480	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.480	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.480	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.480	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.480	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.480	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.480	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1549	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.500	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.500	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.500	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.000	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1550	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.480	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.480	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.480	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.480	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.480	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.480	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.480	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.480	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.480	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.480	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.480	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.480	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.480	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.480	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.480	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1551	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.500	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.500	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.500	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.500	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.000	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1552	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.960	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.480	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.480	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.480	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.480	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.480	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.480	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.480	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.480	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.480	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.480	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.480	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.480	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1553	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.500	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.500	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	1.500	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.500	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.000	RC9	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.000	RC9	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.000	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.000	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1572	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.161	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.080	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.080	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.161	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.080	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.080	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.080	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.080	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1573	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.161	RC9	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.161	RC9	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.161	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.080	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.080	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.080	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1583	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.750	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.750	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.750	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.125	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.750	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.125	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.750	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.375	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.125	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.750	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.375	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.375	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.750	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.750	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.750	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1584	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.080	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.080	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.080	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.161	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.161	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.5 and 6.2.8
	0.161	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.080	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.080	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.080	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.080	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1585	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.161	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.080	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.080	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.161	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.161	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.161	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.080	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.080	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.080	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.080	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1586	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.179	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.393	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.786	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.786	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.786	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.786	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.179	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.786	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.786	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.393	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.393	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.393	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.786	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.786	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.786	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1587	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.179	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.393	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.179	RC1	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.393	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.179	RC1	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.786	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.786	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.179	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.786	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.393	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.786	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.393	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.786	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.786	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.786	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1591	**Cross-section No. 5 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2.326	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	1.396	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.326	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.396	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.326	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.861	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.396	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.465	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	2.326	RC1	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2.326	RC1	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2.326	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.396	RC2	0.04	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.396	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.396	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.465	RC2	0.03	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.465	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.465	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1595	**Cross-section No. 5 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.861	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.930	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.930	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.465	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.930	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.465	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.930	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.930	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.930	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.465	RC2	0.04	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.465	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.465	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1596	**Cross-section No. 5 - RO 48.3x3 | EN 10219-2:2006**					
	1.861	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.861	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.930	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.861	RC9	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.396	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.930	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.861	RC9	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.396	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.930	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.465	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.03	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.03	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	1.861	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.930	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.930	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.930	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.465	RC2	0.04	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.465	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.465	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1618	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1619	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
1620	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1621	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1622	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1623	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
1636	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
1637	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
1638	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1639	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
1640	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
1641	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1692	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1693	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1694	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1701	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
1702	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
1703	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1740	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1741	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
1742	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
1749	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
1750	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
1751	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1786	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1787	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1788	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
1795	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
1796	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1797	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
1828	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1829	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1830	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
1837	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1838	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1839	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1870	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1871	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1872	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1879	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1880	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1881	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1914	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1915	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1916	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1923	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1924	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1925	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1952	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1953	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
1954	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1961	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 o

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
1962	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
1963	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2000	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2001	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2002	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2009	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2010	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2011	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2044	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC1	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.152	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.03	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2045	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.03	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2046	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.152	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
2053	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.152	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2054	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2055	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.384	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.384	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.152	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2100	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2101	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2102	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2103	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2104	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
2105	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
2118	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2119	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
2120	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2121	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
2122	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
2123	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2174	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2175	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2176	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2183	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2184	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2185	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 o

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2222	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2223	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
2224	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
2231	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. t

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
2232	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2233	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2268	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2269	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2270	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2277	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2278	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2279	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2310	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2311	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2312	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2319	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2320	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2321	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2358	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2359	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2360	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2367	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2368	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2369	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2406	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 o

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2407	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
2408	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2415	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2416	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2417	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2450	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2451	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2452	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2459	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2460	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2461	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.384	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.768	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.04	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2494	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2495	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2496	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2503	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2504	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						y-direction
2505	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2532	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2533	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
2534	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2541	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2542	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2543	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2582	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2583	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
2585	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
2586	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
2600	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
2602	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						y-direction
2603	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
2605	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2656	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2657	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2665	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2667	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2704	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
2705	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
2713	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
2715	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2747	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2749	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2750	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2751	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2759	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2761	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2765	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2767	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2792	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2793	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2801	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
2803	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 o

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2840	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2841	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
2849	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
2851	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. t

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2871	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2873	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2875	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2877	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. t

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2888	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2889	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
2897	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2899	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2932	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2933	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2941	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2943	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 o

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2976	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
2977	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
2985	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
2987	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3014	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3015	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
3023	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3025	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3054	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3055	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3063	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3065	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3140	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3141	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3142	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3143	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 o

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3144	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3145	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3146	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3147	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3206	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3207	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3209	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3210	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
3224	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.012	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.012	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
3226	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3227	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
3229	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3280	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3281	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3289	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.024	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.012	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
3291	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 o

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3328	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3329	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3337	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
3339	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 o

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3371	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3373	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3374	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3375	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3383	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.024	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
3385	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3389	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3391	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.952	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.952	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.952	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.952	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.476	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.476	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3416	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3417	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3425	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.024	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.012	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.012	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
3427	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	1.152	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3464	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3465	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3473	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
3475	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. t

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3495	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.952	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.952	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.952	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.952	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.952	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.476	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.476	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.952	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3497	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.952	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.476	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3499	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.952	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.952	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.952	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.952	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.476	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.476	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.952	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						z-direction
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3501	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.952	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.952	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.952	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.476	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3512	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3513	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3521	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
3523	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3549	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.768	RC9	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
3556	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3557	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3565	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
3567	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3600	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3601	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3609	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.024	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
3611	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3638	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3639	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. t

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3647	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.024	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.024	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
3649	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3678	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3679	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.384	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. t

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3687	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.024	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
3689	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3764	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.152	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
3765	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. t

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3766	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3767	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3768	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3769	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3770	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3771	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3843	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
3854	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
3896	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
3897	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3902	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
3903	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
3966	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.421	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.421	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.421	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.842	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.842	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.842	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.842	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.421	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.421	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.421	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.421	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.421	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.421	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3967	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
3990	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.768	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.768	RC9	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4013	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.768	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.768	RC9	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4034	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.147	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.147	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.147	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.074	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.147	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.147	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.147	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.074	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.147	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.074	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.074	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.074	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.074	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4035	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.421	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.421	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.421	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.421	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.842	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.421	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.421	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.421	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.842	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.421	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.421	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.421	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						z-direction
	0.421	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.421	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.421	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4036	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.768	RC9	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4069	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.147	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.147	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.147	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.147	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.147	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.074	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.147	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.147	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.074	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
4070	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.842	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.842	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.842	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.842	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.421	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.421	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.421	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.421	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.421	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.421	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4071	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.8
	0.384	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4092	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.074	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.147	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.147	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.147	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.147	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.074	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.074	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.074	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
4093	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.842	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.421	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.421	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.842	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.421	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.421	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.421	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
4094	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4115	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.147	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.074	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.074	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.147	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.147	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.147	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.147	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.147	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.147	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.074	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.074	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.074	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
4116	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.842	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.421	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.421	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.842	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.421	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.421	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.421	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.421	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.421	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
4117	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4138	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.147	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.147	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.147	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.147	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.147	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
4139	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.421	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.421	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.421	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.842	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.421	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.421	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.421	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.421	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.421	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.421	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4140	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4184	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.952	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.952	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.476	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4203	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.952	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.952	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.952	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.476	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.476	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4204	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.952	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.952	RC1	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.952	RC1	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.476	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4205	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.952	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.952	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.952	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.952	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.476	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4206	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.952	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.952	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.476	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4207	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.952	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.952	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.476	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4208	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 o

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4234	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
4235	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4261	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4262	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4294	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4295	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4296	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4297	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
4337	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4341	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4409	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.952	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.476	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4410	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.476	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4413	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.476	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4414	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.476	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4417	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.952	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.476	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4418	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.476	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						y-direction
4605	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.315	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.629	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.315	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.629	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.629	RC9	0.16	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.19	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.315	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.315	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.315	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.315	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.315	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.315	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4606	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.500	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.500	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.000	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.000	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.500	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.500	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.500	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4607	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.629	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.315	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.315	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.629	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.315	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.629	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.629	RC9	0.21	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.315	RC9	0.24	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.315	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.315	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.315	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.315	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.315	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.315	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4608	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.000	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.500	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.000	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.500	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.500	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.500	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4615	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.500	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.125	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.125	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.750	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.750	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.375	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.750	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.125	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.125	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.125	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.125	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.125	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4616	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.800	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.800	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.800	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.800	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.800	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.400	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.800	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.200	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.400	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.800	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.800	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.400	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.400	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.400	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.400	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.400	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4620	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.500	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.750	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	1.500	RC1	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.750	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC1	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.125	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.750	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.500	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.125	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.125	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.125	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.125	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4622	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.500	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.750	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC1	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.750	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC1	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.125	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.125	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.125	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.750	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4623	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.400	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.400	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.400	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.800	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.400	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.400	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.400	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.400	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.400	RC2	0.03	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.400	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.400	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4624	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.750	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.750	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.125	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.125	RC2	0.03	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.750	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.750	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4629	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.315	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.05	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.05	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.629	RC1	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.315	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.629	RC1	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.629	RC9	0.21	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.26	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.315	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.315	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.315	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.315	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.315	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.315	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4630	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.04	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.04	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.750	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.750	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.375	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.750	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.11	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.375	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.375	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.375	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.375	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4631	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.000	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.000	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.000	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4632	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.800	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.800	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.800	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.200	RC1	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.800	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.200	RC1	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.800	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.800	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.200	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.800	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.800	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.400	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.400	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.400	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.800	RC2	0.03	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.800	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.800	RC4	0.01	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4633	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.500	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.125	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.125	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.750	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.750	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.375	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.750	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.375	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.375	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.375	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.375	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4634	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.629	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.315	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.315	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.629	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.315	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.629	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.629	RC9	0.20	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.315	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.315	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.315	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.315	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.315	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.315	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.315	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4635	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.000	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	1.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.000	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.000	RC9	0.11	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.000	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.000	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.500	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.500	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.500	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4636	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.500	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.500	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.500	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.500	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.000	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.000	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4637	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.200	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.400	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.200	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.800	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.400	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.200	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.800	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.400	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.400	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.800	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.800	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.800	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.800	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						y-direction
4638	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.500	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.750	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.750	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.375	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.750	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.375	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.375	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.375	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.375	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4881	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.952	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.476	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4890	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.952	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.476	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4901	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.952	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						z-direction
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
4902	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.476	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4903	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4904	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4905	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	1.152	RC1	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4906	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4907	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4908	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4909	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4910	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4911	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4912	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4913	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 o

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						or 2
	0.768	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4914	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4915	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4916	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4917	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4918	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4919	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4920	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.152	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4921	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.10	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.10	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4922	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.11	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.11	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4923	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.08	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.08	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4924	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4925	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4926	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4927	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.08	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.08	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4928	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4929	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.13	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.13	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.13	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.768	RC9	0.15	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4930	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4931	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4932	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4933	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4934	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4935	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4936	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC9	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.384	RC9	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4937	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4938	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 o

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						or 2
	1.152	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.25	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.28	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4939	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.152	RC9	0.16	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4940	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4941	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.16	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4942	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.14	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.768	RC9	0.17	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4943	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4944	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4945	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4946	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4947	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.6, 6.2.7 and 6.2.9
	0.768	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4948	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4949	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4950	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4951	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4952	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4953	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4954	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4955	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4956	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4957	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4958	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4959	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4960	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4961	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4962	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4963	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4978	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4981	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4988	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4989	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.152	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
4990	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 o

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.152	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
4991	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5172	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.952	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.476	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.476	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.952	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.952	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.952	RC9	0.18	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.476	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.476	RC9	0.20	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5173	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.952	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.476	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.476	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.952	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.952	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.476	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.952	RC9	0.13	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.476	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.476	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5174	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.952	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.952	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.952	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.952	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.476	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.476	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.952	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.476	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
5175	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.952	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.952	RC1	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.476	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.952	RC1	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.476	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.952	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.476	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5176	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.952	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.952	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.476	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.952	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.476	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.476	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.952	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.476	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5177	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.952	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.952	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.952	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.952	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.476	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.476	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.952	RC1	0.06	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.476	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5178	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.952	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.476	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.476	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.952	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.952	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.952	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.476	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.952	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.476	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5242	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.476	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5243	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 o

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5244	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5245	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5246	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5247	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5248	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5249	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5250	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5251	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5252	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5253	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5254	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.952	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.952	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.476	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5255	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.952	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.952	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.476	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
5256	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.952	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.952	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.476	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5257	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.952	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.952	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.476	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5258	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.952	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.476	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5259	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.952	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.476	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5260	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.952	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.952	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.476	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5261	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.952	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.952	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.476	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5262	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.952	RC1	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.476	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5263	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.952	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.476	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5264	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.952	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.476	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5406	**Cross-section No. 5 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.861	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.930	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.861	RC9	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.465	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.930	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.861	RC9	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.396	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.930	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.861	RC9	0.10	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.396	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.861	RC9	0.14	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.930	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.930	RC3	0.02	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.930	RC4	0.02	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.465	RC2	0.02	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.465	RC3	0.01	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.465	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5451	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5452	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5459	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5460	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5467	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
5468	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5475	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
5476	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5483	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
5484	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
5532	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
5533	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
5534	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5535	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.315	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.629	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.315	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.315	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.315	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
5536	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.000	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.000	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.500	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.500	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
5537	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.629	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	ST301)	Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC9	0.02	≤ 1	ST311)	Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.315	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.315	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.315	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
5538	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.500	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.500	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.500	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.500	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
5539	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5540	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. t

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5541	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5542	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.315	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.315	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.315	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.315	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.315	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.315	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.315	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.315	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.315	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.315	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5543	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.500	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.500	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.000	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.000	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5544	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.315	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.315	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.315	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.315	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.315	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.315	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.315	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.315	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
5545	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.500	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.500	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.500	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.000	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.000	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.000	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5624	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.315	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.629	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.315	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.315	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.315	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.315	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
5625	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.500	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.000	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.000	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.000	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.000	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5626	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.315	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.315	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.315	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.08	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.315	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.315	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.315	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.315	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.315	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.315	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
5627	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.500	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.500	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.500	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.500	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.000	RC9	0.05	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.000	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.000	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.000	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5646	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.388	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.388	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.388	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.388	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.775	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.388	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.775	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.775	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.388	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.388	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.388	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.388	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.388	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.388	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5647	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.388	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.388	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.388	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.388	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.388	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.388	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.388	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.388	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5648	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.388	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.388	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.388	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.388	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.388	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.388	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.388	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.388	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.388	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5649	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.388	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.388	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.388	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.388	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.388	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.388	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.388	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.388	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.388	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5650	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.388	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.388	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.06	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.388	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.06	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.388	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.388	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.388	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.388	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.388	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.388	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5651	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.775	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.775	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.388	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.388	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.388	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.388	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.388	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.388	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.388	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.388	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.388	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5700	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5701	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5702	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
5703	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.315	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.315	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.315	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.315	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.315	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.315	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.315	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5704	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.500	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.500	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.000	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5705	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5706	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.152	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5707	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5708	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.315	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.315	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.315	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.315	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.07	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.315	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.315	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.315	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.315	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.315	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.315	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5709	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.500	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.500	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.500	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.000	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.000	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
5758	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.629	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.315	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.315	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.315	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.315	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
5759	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.500	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.500	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.500	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.000	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.000	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.000	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5760	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.315	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.315	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.629	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.315	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.629	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.315	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.315	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.315	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.315	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.315	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
5761	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.500	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.125	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.125	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.750	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.750	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.125	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.750	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.500	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.125	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.125	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.125	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.375	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5762	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.952	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.952	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.476	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.476	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.952	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.476	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5763	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.952	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.952	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.476	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.476	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.952	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.476	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5764	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.952	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.952	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.476	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
5765	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.952	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.476	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.476	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.952	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.952	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.476	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.952	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.476	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5766	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.476	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.476	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.952	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.952	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.476	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.952	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.476	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5767	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.952	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.952	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.952	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.476	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.476	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.476	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.476	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.476	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.476	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.476	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5808	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
5809	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
5824	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
5842	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5843	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5860	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5861	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5874	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
5888	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
5902	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 o

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
5903	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
5916	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
5917	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
5930	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
5931	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
5940	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
5941	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
5965	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5966	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5967	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5987	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
5988	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5989	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 o

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						or 2
	1.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.500	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.500	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.500	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5990	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.500	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.500	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.500	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.500	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.500	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5991	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
5992	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
5993	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.500	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.500	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.500	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.000	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.000	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						z-direction
	1.000	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5994	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.500	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.500	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.500	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.500	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.000	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.000	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
5998	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
5999	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
6000	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
6001	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.200	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.800	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.200	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.800	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.200	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.800	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.400	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.400	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.400	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.800	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.800	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
6002	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.200	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.800	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.200	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.800	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.200	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.800	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.800	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.400	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.800	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.800	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.800	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
6003	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.200	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.800	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.800	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.400	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.800	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.200	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.800	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.800	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.400	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.800	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.800	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.800	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.800	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6004	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.200	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.200	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.400	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.200	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.800	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.400	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.200	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.800	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.400	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.800	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.400	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.800	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.800	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.800	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6005	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
6006	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
6007	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
6008	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.500	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						z-direction
	1.000	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
6009	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.500	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.500	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.500	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.000	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.000	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6010	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.500	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.500	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.500	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.000	RC9	0.03	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.000	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6011	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.500	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.500	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.500	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.500	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.500	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						z-direction
	1.000	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6012	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6013	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6014	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.480	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.480	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.480	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.480	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.480	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.480	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
6015	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.480	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.480	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.480	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.480	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.480	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.480	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
6016	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.960	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.480	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.480	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.480	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.480	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.480	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.480	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.480	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.480	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.480	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.480	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.480	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6017	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.480	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.480	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.480	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.480	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.480	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.480	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.480	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.480	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.480	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.480	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.480	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6044	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
6045	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
6060	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
6078	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6079	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6096	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6097	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.002	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.001	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.002	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
6110	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
6123	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6136	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6137	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6150	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
6151	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6164	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
6165	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
6170	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 o

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
6171	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
6172	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
6199	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6200	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
6201	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6221	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6222	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6223	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.000	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.500	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.500	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.500	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6224	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.000	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.000	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.500	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.500	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.500	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6225	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
6226	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6227	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.500	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.500	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.500	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.000	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.500	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6228	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.500	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.500	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.500	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.000	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.500	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.500	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6232	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.152	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
6233	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.152	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6234	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6235	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.800	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.800	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.800	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.800	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.800	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.200	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.800	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.800	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.800	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.400	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.800	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.800	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.800	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6236	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.800	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.800	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.800	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.200	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.800	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.200	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.400	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.200	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.800	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.400	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.800	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.400	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.800	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.800	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.800	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6237	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.200	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.400	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.200	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.800	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.400	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.200	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.800	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.200	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.800	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.400	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.400	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.800	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.800	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.800	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.800	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6238	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.800	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.800	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.400	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.200	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.800	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.400	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.200	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.800	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.200	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.800	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.400	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.800	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.400	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.800	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.800	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.800	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6239	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6240	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6241	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
6242	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.500	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.500	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.500	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.000	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6243	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.500	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.000	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6244	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.500	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.500	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.500	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.500	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.000	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.000	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.500	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.000	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.000	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						y-direction
6245	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.500	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.500	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.500	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.000	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.500	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.500	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.000	RC9	0.04	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.500	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.000	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.500	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.000	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.000	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.000	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6246	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6247	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
6248	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.960	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.480	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.960	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.480	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.960	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.480	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.960	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.480	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.480	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.480	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.480	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.480	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
6249	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.960	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.480	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.960	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.480	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.960	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.480	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.960	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.480	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.480	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.480	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.480	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.480	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
6250	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.480	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.480	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.480	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.480	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.480	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.480	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.960	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.480	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.480	RC9	0.03	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.480	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.480	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.480	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.480	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.480	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.480	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6251	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.480	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.480	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.480	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.480	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.480	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.480	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.960	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.480	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.480	RC9	0.03	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.480	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.480	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.480	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						z-direction
	0.480	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.480	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.480	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6293	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
6294	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6295	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
6296	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
6297	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
6298	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
6299	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
6300	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
6301	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6302	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6303	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6304	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6356	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
6357	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
6358	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6359	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6360	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6361	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
6362	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6363	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6449	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.8
	1.152	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6450	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6451	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6452	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	1.152	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6453	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6454	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6455	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.152	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6456	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6457	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6458	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6459	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6460	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6512	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6513	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6514	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6515	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6516	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6517	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6518	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6519	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
6772	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.182	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.182	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
6775	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.752	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.376	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.376	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.376	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.752	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.376	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
6848	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
6849	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.952	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.476	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.476	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.952	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS131)	Cross-section check - Torsion acc. to 6.2.7
	0.000	RC9	0.01	≤ 1	CS137)	Cross-section check - Torsion and shear force acc. to 6.2.7(9)
	0.476	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.07	≤ 1	CS156)	Cross-section check - Bending about z-axis, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.476	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.476	RC9	0.00	≤ 1	CS166)	Cross-section check - Biaxial bending, shear force and torsion acc. to 6.2.5 to 6.2.8
	0.952	RC1	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.476	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.12	≤ 1	CS271)	Cross-section check - Axial stress and torsion - Elastic design
7007	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.152	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
7008	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
7087	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.500	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.500	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.500	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.500	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. t

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.10 and 6.2.9
	1.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7090	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
7091	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
7092	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
7624	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.500	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.500	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.500	RC9	0.04	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	1.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7638	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC9	0.05	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC9	0.05	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.000	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.500	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
7639	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.500	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.500	RC9	0.05	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
7690	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.500	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.500	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.500	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.500	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.500	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.000	RC9	0.07	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7706	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.500	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.500	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.500	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.500	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	1.000	RC9	0.06	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
7715	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	1.500	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.500	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.500	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.500	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.500	RC9	0.03	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
7723	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.500	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.500	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.500	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.500	RC1	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
8553	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
8554	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8555	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8557	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8558	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8560	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
8561	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.768	RC1	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8587	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
8588	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
8589	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8600	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8601	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8603	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8604	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
8612	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
8613	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8614	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
8639	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
8640	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
8643	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8644	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
8646	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8647	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force a

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
8662	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8663	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8684	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8685	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8686	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8687	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8689	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8690	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8713	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
8714	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8729	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8730	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8732	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8733	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8772	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8773	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
8775	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8776	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8815	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8816	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
8818	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8819	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
8858	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8859	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8861	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8862	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8901	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8902	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8904	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8905	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8944	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
8945	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8947	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8948	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8987	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.384	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8988	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.768	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8990	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.01	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
8991	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.768	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC1	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9030	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.384	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.384	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9031	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.768	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9033	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.768	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.152	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.768	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.152	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.768	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.384	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.384	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.768	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.384	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
9034	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.152	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.768	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.768	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.384	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.384	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.384	RC1	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.152	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.768	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.768	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.384	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.384	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						z-direction
	0.768	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.768	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
9105	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.090	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.090	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.363	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.090	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.363	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.727	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.727	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.727	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.727	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.727	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.727	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9108	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.727	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.727	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.09	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.727	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.727	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.727	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.727	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.727	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.727	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9109	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.727	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.727	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.090	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.090	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.727	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.090	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.090	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.727	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.090	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.363	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.363	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.363	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.363	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.363	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.363	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9110	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.727	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.727	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.090	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 o

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						or 2
	0.363	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.090	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1.090	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.363	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.090	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.727	RC9	0.12	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.090	RC9	0.10	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.727	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.727	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.727	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.727	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.727	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.727	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9111	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.363	RC9	0.16	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.090	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.090	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.363	RC9	0.16	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.21	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.363	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.363	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.363	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
9112	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.090	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.363	RC9	0.07	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.090	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.090	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.363	RC9	0.07	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.090	RC9	0.07	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.727	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.727	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.363	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
9113	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.08	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.04	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.090	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.090	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.08	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.04	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.363	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.363	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.363	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.727	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.727	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.363	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9128	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.727	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.727	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.727	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.363	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.363	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.727	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.727	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.727	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.727	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9131	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.727	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.363	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.727	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.13	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.363	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.727	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.727	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.363	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.363	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.363	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9132	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.727	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.090	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.727	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.090	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1.090	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.727	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.090	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.363	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.090	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.363	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.363	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.363	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.727	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.727	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.727	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9133	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.090	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.727	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.727	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.090	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.30	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.090	RC9	0.13	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.727	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.727	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.727	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.363	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.363	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.363	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9134	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.727	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.41	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.727	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.41	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.727	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.17	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.727	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.727	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.727	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
9135	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.090	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.090	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.090	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.090	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.090	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.090	RC9	0.10	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.727	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.727	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.727	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.363	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
9136	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.727	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.727	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.727	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.727	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.727	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
9151	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.727	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.090	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.727	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1.090	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.727	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.727	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.727	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.727	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						z-direction
	0.363	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.363	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
9154	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.727	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.090	RC9	0.04	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.08	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.727	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.727	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.727	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.727	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.727	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
9155	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.727	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.090	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.727	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.090	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1.090	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.727	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.090	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.727	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.090	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.363	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.363	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.363	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.363	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.363	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.363	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9156	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.727	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.727	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.090	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.363	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1.090	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.363	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.090	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.090	RC9	0.30	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.090	RC9	0.09	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.727	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.727	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.727	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.363	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.727	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.727	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9157	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.03	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.21	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.363	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.727	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.727	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.363	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
9158	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.363	RC9	0.08	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.363	RC9	0.08	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.090	RC9	0.06	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.727	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.727	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.727	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
9159	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.090	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.090	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1.090	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.363	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.363	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.363	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.363	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
9174	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.727	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.06	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.06	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.090	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.363	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.727	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.727	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.727	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.727	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.727	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9177	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.090	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.02	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.02	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.090	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1.090	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.16	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.363	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.727	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.727	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.727	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.727	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.727	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9178	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.727	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.727	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.090	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.090	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.727	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.090	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.090	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.090	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.363	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.363	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.363	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.727	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.727	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.363	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9179	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.090	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.727	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.727	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.727	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.727	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.090	RC9	0.32	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.090	RC9	0.10	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.727	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.727	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.727	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.363	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.363	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.727	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9180	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.363	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.090	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	1.090	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.12	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.363	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.363	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.363	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
9181	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.090	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.090	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC1	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	1.090	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC1	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.090	RC9	0.09	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.363	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.363	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.363	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.727	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
9182	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.090	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.363	RC9	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.363	RC9	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.363	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.363	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.363	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
9197	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.090	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.07	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.363	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.090	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.363	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.090	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.363	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.363	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.363	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.363	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.363	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.363	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9200	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.727	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.03	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.03	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.363	RC9	0.07	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.727	RC9	0.00	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.03	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC9	0.23	≤ 1	ST364)	Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.363	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.727	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.727	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.727	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.727	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
9201	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.727	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.090	RC9	0.04	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.090	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.090	RC9	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.090	RC9	0.00	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1.090	RC9	0.04	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.090	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	1.090	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.090	RC9	0.06	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	1.090	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.363	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.363	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.363	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.363	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.363	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
9202	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.727	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.727	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.090	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.363	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	1.090	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	1.090	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.363	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.090	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.090	RC9	0.07	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.727	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.727	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.727	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.363	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.363	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.727	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9203	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.363	RC9	0.14	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.03	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.363	RC9	0.14	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.17	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.363	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.363	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.363	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
9204	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.363	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.363	RC9	0.05	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.02	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.363	RC9	0.05	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.090	RC9	0.05	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.363	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.363	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.363	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
9205	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.07	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.000	RC9	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.000	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC9	0.07	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.363	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.363	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.363	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.363	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.363	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.363	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9207	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	2.200	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	2.200	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2.640	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.640	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2.640	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.640	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	2.200	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2.640	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.04	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.440	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.440	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.880	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9209	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.125	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.500	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.750	RC9	0.01	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.375	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.375	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.375	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9210	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.500	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.375	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.375	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.375	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9211	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.125	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.125	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.125	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	1.125	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.125	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.500	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.375	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.125	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.125	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9212	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1.500	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.125	RC9	0.00	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.125	RC9	0.00	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.125	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.125	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.125	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9215	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.500	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.125	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.125	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
9217	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.640	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.640	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2.640	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.640	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.04	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.880	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.880	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.880	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
9219	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.125	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.750	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.750	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.375	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
9220	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.640	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.640	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.640	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.320	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.320	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.320	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9221	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.640	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.640	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.640	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.880	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.880	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.880	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9222	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	2.640	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.640	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.640	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.880	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.880	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
9223	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.125	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.500	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	1.500	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.750	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
9224	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.640	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.640	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2.640	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.640	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.04	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.320	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.320	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.760	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9226	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.640	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.640	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2.640	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.640	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.880	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.880	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.880	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9228	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.640	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.640	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.640	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.320	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.320	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.760	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9229	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.640	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.640	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. t

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						to 6.2.5 and 6.2.8
	2.640	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.880	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.880	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.320	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9230	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.640	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.640	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.640	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.320	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.320	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
9231	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.125	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.500	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.750	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
9233	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.640	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.640	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2.640	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.640	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.04	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.880	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.880	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
9235	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.125	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1.500	RC9	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.125	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC9	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.125	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.750	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
9236	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.640	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.640	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.880	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.320	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.320	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
9237	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.320	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.320	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.320	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.10	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.07	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.07	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.880	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
9238	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	2.640	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.320	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.640	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.320	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.640	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.320	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.10	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.07	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.07	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.760	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
9239	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	0.750	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.750	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.750	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.750	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
9240	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.320	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.320	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8

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Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	1.320	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.10	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.07	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.07	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.320	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
9241	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.320	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.640	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.320	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.640	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.880	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.10	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.07	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.07	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
9242	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	2.640	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.320	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.640	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.320	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.640	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.760	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.10	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.07	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.07	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.760	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
9243	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.500	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.750	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.750	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.125	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.750	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
9244	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.320	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.320	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.320	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.10	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.07	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.07	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.320	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
9245	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	2.640	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	1.320	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	1.320	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.320	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.10	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.07	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.07	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.880	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
9246	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	2.640	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.320	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2.640	RC9	0.03	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.320	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2.640	RC9	0.03	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.320	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.10	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.07	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.07	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.760	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
9247	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.750	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.750	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.125	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.02	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.750	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
9249	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.760	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	2.640	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.640	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2.640	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.640	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.04	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	2.200	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	2.200	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	2.200	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9255	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	0.000	RC1	0.00	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.147	RC1	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	0.147	RC9	0.01	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	0.147	RC1	0.00	≤ 1	CS123)	Cross-section check - Shear force in y-axis acc. to 6.2.6
	0.147	RC9	0.01	≤ 1	CS128)	Cross-section check - Resulting shear force acc. to 6.2.6
	0.000	RC1	0.00	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.147	RC1	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	0.147	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
						6.2.6, 6.2.7 and 6.2.9
	0.000	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.074	RC2	0.00	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.074	RC3	0.00	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.074	RC4	0.00	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.074	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.074	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.074	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9256	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.500	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.125	RC9	0.02	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	1.125	RC9	0.02	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	1.500	RC1	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	0.750	RC9	0.00	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.02	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.125	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.125	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.125	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9258	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.320	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	2.200	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2.200	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.640	RC9	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.640	RC1	0.00	≤ 1	CS121)	Cross-section check - Shear force in z-axis acc. to 6.2.6
	2.640	RC9	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.640	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.320	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2.640	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.04	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	0.880	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.880	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.320	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9260	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.125	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	1.125	RC9	0.01	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	1.125	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	1.500	RC1	0.01	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	1.500	RC1	0.01	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.750	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	1.500	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	0.750	RC2	0.01	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	0.750	RC3	0.01	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction

2.4 DESIGN BY MEMBER

Member No.	Location x [m]	LC/CO/ RC	Design		Equation No.	Description
	0.750	RC4	0.01	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.125	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	0.750	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.750	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9261	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	1.320	RC9	0.00	≤ 1	CS100)	Negligible internal forces
	2.200	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2.200	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.640	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.640	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.640	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	1.760	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2.640	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.06	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.04	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	1.760	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.760	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	1.760	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9262	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	2.200	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	2.200	RC9	0.00	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.640	RC1	0.03	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.640	RC1	0.03	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.640	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	2.640	RC9	0.03	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2.640	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction
	1.320	RC4	0.03	≤ 1	SE403)	Serviceability - Combination of actions 'Quasi-permanent' - z-direction
	2.200	RC2	0.00	≤ 1	SE406)	Serviceability - Combination of actions 'Characteristic' - y-direction
	1.760	RC3	0.00	≤ 1	SE407)	Serviceability - Combination of actions 'Frequent' - y-direction
	0.880	RC4	0.00	≤ 1	SE408)	Serviceability - Combination of actions 'Quasi-permanent' - y-direction
9263	**Cross-section No. 4 - RO 48.3x3 | EN 10219-2:2006**					
	0.000	RC1	0.00	≤ 1	CS100)	Negligible internal forces
	0.000	RC9	0.00	≤ 1	CS101)	Cross-section check - Tension acc. to 6.2.3
	0.000	RC9	0.01	≤ 1	CS102)	Cross-section check - Compression acc. to 6.2.4
	2.640	RC1	0.02	≤ 1	CS111)	Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	0.000	RC9	0.01	≤ 1	CS116)	Cross-section check - Bending about z-axis acc. to 6.2.5 - Class 1 or 2
	2.640	RC1	0.02	≤ 1	CS141)	Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	0.000	RC9	0.01	≤ 1	CS151)	Cross-section check - Bending about z-axis and shear force acc. to 6.2.5 and 6.2.8
	2.640	RC9	0.00	≤ 1	CS161)	Cross-section check - Biaxial bending and shear force acc. to 6.2.6, 6.2.7 and 6.2.9
	2.640	RC9	0.02	≤ 1	CS181)	Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	0.000	RC9	0.01	≤ 1	CS201)	Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2.640	RC9	0.00	≤ 1	CS221)	Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	0.000	RC2	0.00	≤ 1	SE400)	Serviceability - Negligible deformations
	1.320	RC2	0.05	≤ 1	SE401)	Serviceability - Combination of actions 'Characteristic' - z-direction
	1.320	RC3	0.03	≤ 1	SE402)	Serviceability - Combination of actions 'Frequent' - z-direction