PROJECT

VALHALL WP PROJECT , EL./INSTR. & MAINT. MODULE

NOTES:

EMTUNGA AB :

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REV. NO.	DATE	REASON FOR ISSUE / REVISION	BY	CHECK	APPR.
A	95.11.30	AS-BUILT	TL	POL	
0	95.11.06	ISSUED FOR CONSTR.	TL	POL	POL
1	95.10.18	ISSUED FOR APPROVAL	TL	POL	POL

EMTUNGA

EMTUNGA MEKANISKA VERKSTAD AB
534 91 VARA
TEL: +46 (0)512 11215
FAX: +46 (0)512 12

CLIENT:

ABB OFFSHORE TECHNOLOGY
P.O. BOX 190
N-1371 ASKER
NORWAY

P.O. No / INKÖPSNUMMER

EMV PROJECT No / EMV PROJEKTNUMMER
3532

DOCUMENT TITLE / DOKUMENTTITTEL
WEIGHT CALCULATION

SDRL

DOCUMENT No. / DOKUMENTNUMMER
3532\PD\CA-02

No OF PAGES / SIDANTAL
7

REV No.
A

EMTUNGA

QUALITY CONTROL - WEIGHT SHEET

INSPECTION SHEET 10

PROJECT: VALHALL	PROJECT No.: 3532	MODULE No.: 4102	DRWG No.:

ITEMS	CALCULATED WEIGHT	DESIGN CONTROL SIGN
A. STRUCTURAL STEEL AND PAINT	16690	
B. INSULATION, WALLS AND CEILING PANELS, FLOORING, DOORS, ETC..	7602	
C. FURNITURE	280	
D. HVAC EQUIPMENT	170	
E. ELECTRICAL AND INSTR.	400	
F. SANITARY	100	
G. PIPING	150	
H. HOOK-UP MATERIAL		
I.		
J.		
MODULE WEIGHT	25392	
TEMPORARY ITEMS WHICH SHALL BE REMOVED AFTER INSTALLATION		
TOTAL MODULE WEIGHT DURING TRANSPORT AND LIFTING.		
LIFTING SLING		

NOTES:

COMPLETENESS OF EACH ITEM (IN %) WHEN THE MODULE IS WEIGHED	ACTUAL WEIGHT	EMV WEIGHT CONTROL DATE SIGN	CLIENT'S INSPECTOR DATE SIGN
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
FINAL MODULE WEIGHT	24360	9511.30	
TEMPORARY ITEMS WHICH SHALL BE REMOVED AFTER INSTALLATION	—		
TOTAL MODULE WEIGHT DURING TRANSPORT AND LIFTING.	24660	9511.30	
LIFTING SLING	300Kg		

NOTES:
FINAL MODULE WEIGHT INCL. LOOSE FURNITURE (WRITTING DESK CHAIR) WITH A WEIGHT OF 150 Kg

EMTUNGA

QUALITY CONTROL - WEIGHT SHEET

INSPECTION SHEET 10

PROJECT: VALHALL	PROJECT No.: 3532	MODULE No.: 4101	DRWG No.:

ITEMS	CALCULATED WEIGHT	DESIGN CONTROL SIGN
A. STRUCTURAL STEEL AND PAINT	1520	
B. INSULATION, WALLS AND CEILING PANELS, FLOORING, DOORS, ETC..		
C. FURNITURE	338	
D. HVAC EQUIPMENT	265	
E. ELECTRICAL AND INSTR.		
F. SANITARY		
G. PIPING		
H. HOOK-UP MATERIAL		
I.		
J.		
MODULE WEIGHT	2123	
TEMPORARY ITEMS WHICH SHALL BE REMOVED AFTER INSTALLATION		
TOTAL MODULE WEIGHT DURING TRANSPORT AND LIFTING.		
LIFTING SLING		

NOTES:

HVAC-MODULE

COMPLETENESS OF EACH ITEM (IN %) WHEN THE MODULE IS WEIGHED	ACTUAL WEIGHT	EMV WEIGHT CONTROL DATE SIGN	CLIENT'S INSPECTOR DATE SIGN
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
FINAL MODULE WEIGHT	1323	951130	
TEMPORARY ITEMS WHICH SHALL BE REMOVED AFTER INSTALLATION	—		
TOTAL MODULE WEIGHT DURING TRANSPORT AND LIFTING.	1323		
LIFTING SLING	—		

NOTES:

VALHALL
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NOTE
CALC. WEIGHT

MODUL SEKTION:VALHALL 3532						X	Y	Z
			LOK. ORIGO [m]			0,00	0,00	0,00
SAMMANFATTNING:			LOK. T.P. [m]			8,78	1,62	1,40
			GLOB. T.P. [m]			8,78	1,62	1,40
			TOT. VIKT [kg]			16690		
POS.	ANTAL	BESKRIVNING	VIKT/	LANGD	VIKT	TYNGDPUNKT		
			ENHET	(YTA)		X	Y	Z
STÅL								
1	1	FÄRG	170,00	1,00	170	9,00	1,65	1,63
2	1	SVETSELEKTRODER	120,00	1,00	120	9,00	1,65	1,63
3	2	USP 240	33,40	9,80	655	9,00	1,65	0,14
4	4	USP 240	33,40	3,75	500	9,00	1,65	0,14
5	2	USP 240	33,40	2,99	200	9,00	1,65	0,14
6	4	PL. 160x160x20	4,00	1,00	16	9,00	1,65	0,01
7	1	PL. 1500x5	39,30	57,00	2240	9,00	1,65	0,26
8	4	PL. 400x160x60	15,00	1,00	60	9,00	1,65	0,03
9	1	PL. 130x10	10,20	3,20	33	16,40	-0,70	0,22
10	1	PL. 130x10	10,20	4,00	41	2,00	-0,70	0,22
11	13	EARTH BOSS O 30 , L= 30mm	1,00	1,00	13	5,00	1,65	0,30
12	35	U 70x170x70x5	12,20	3,09	1319	9,00	1,65	0,14
13	2	L 30x20x3	1,11	2,99	7	9,00	1,65	0,25
14	2	PL. 190x80x6	1,00	1,00	2	-0,04	0,70	0,30
15	2	MCT RGS 6x1	3,60	1,00	7	4,30	1,46	0,25
16	5	MCT RGS 6x3	8,30	1,00	42	4,92	1,46	0,25
17	1	MCT RGS 6x5	13,00	1,00	13	3,16	2,76	0,25
18	2	RHS 120x80x5	14,80	9,80	290	9,00	1,65	3,14
19	4	RHS 120x80x6	14,80	3,75	222	9,00	1,65	3,14
20	4	PL. 500x110x20	8,64	1,00	35	9,00	1,65	3,25
21	1	CORR. PL. D= 80mm, t= 4mm	44,30	58,00	2569	9,00	1,65	3,21
22	2	RHS 100x100x4	12,00	3,15	76	4,00	1,65	3,15
23	4	RHS 120x80x5	14,80	3,11	184	15,24	1,65	3,15
24	4	PADEYE 450x110x30	12,00	1,00	48	9,00	1,65	3,20
25	4	PL. 160x160x30	6,00	1,00	24	9,00	1,65	3,24
26	1	U 70x120x70x4	8,50	3,11	26	9,00	1,65	3,14
27	2	RHS 120x80x5	14,80	2,99	89	9,00	1,65	3,14
28	4	PL. 180x110x20	3,20	1,00	13	4,00	1,90	3,25
29	7	PL. 80x5	3,14	0,15	3	15,00	1,65	3,25
30	1	RHS 120x80x5	14,80	1,78	26	15,88	1,26	3,14
31	84	L 50x50x3	2,45	0,05	10	9,00	1,65	3,10
32	4	RHS 150x150x6,3	28,30	3,20	362	9,00	1,65	1,63
33	4	RHS 200x100x5	22,70	3,20	291	9,00	1,65	1,63
34	4	RHS 80x80x4	8,59	2,84	98	10,00	0,10	1,63
35	5	PLATE 145x80x10+ RÖR 60,3x3,	1,88	1,00	9	3,00	0,00	3,20
36	1	CORR. PL. D= 50mm, t= 4mm	37,00	119,00	4403	9,00	1,65	1,63
37	1	PIPE 408x4	39,00	0,65	25	11,75	0,30	2,85
38	10	EARTH BOSS O 30 , L= 30mm	1,00	1,00	10	17,59	0,00	1,70
39	66	L 50x50x3	2,45	0,05	8	9,00	0,07	1,63
40	1	PL. 216x10	17,00	3,05	52	16,30	0,01	0,13
41	1	PL. 216x10	17,00	3,75	64	2,00	0,01	0,13
42	1	PIPE 208x4	19,00	0,65	12	17,16	3,25	2,77
43	63	L 50x50x3	2,45	0,05	8	8,20	3,22	1,63
44	5	PLATE 145x80x10+ RÖR 60,3x3,	1,88	1,00	9	3,00	3,31	3,20
45	1	L 75x50x3	3,00	0,10	0	17,48	3,30	2,78
46	2	LOCK (RAPP BOMEK)	10,00	1,00	20	11,92	2,32	3,00
47	4	RHS 70x70x3,6	7,46	1,02	30	11,92	1,64	1,24
48	1	CORR. PL. D= 50mm, t=4mm	37,00	9,00	333	11,92	1,64	1,63
49	8	L 50x50x3	2,45	0,05	1	11,92	1,65	2,30
50	4	EARTH BOSS O 30 , L= 30mm	1,00	1,00	4	11,92	1,65	0,60
51	15	EARTH BOSS O 30 , L= 30mm	1,00	1,00	15	18,00	1,65	2,82
52	6	L 50x50x3	2,45	0,05	1	17,99	1,20	1,63
53	2	MCT RGS 6x3	8,30	1,00	17	0,05	2,60	0,40
54	15	EARTH BOSS O 30 , L= 30mm	1,00	1,00	15	0,05	1,65	1,63
55	2	PLATE 145x80x10+ RÖR 60,3x3,	1,88	1,00	4	0,35	2,30	3,20
56	2	PL 180x80x6	0,70	1,00	1	0,05	1,00	3,15
57	2	L 40x40x4	2,42	1,19	6	0,50	0,60	3,30
58	1	FUNDAMENT	800,00	1,00	800	7,00	1,65	0,50
59	6	RHS 100x60x5	11,70	11,50	807	5,50	1,65	0,53
60	64	RHS 80x40x3,2	5,67	0,36	129	5,50	1,65	0,53
61	30	RHS 80x40x3,2	5,67	0,61	104	5,50	1,65	0,53
						X	Y	Z
					16690	8,78	1,62	1,40

VALHALL
3532

NOTE
CALL WRIGHT

MODUL SEKTION: VALHALL 3532						X	Y	Z
			LOK. ORIGO [m]			0,00	0,00	0,00
SAMMANFATTNING:			LOK. T.P. [m]			10,34	1,62	1,49
			GLOB. T.P. [m]			10,34	1,62	1,49
			TOT. VIKT [kg]			8702		
POS.	ANTAL	BESKRIVNING	VIKT/ ENHET	LANGD (YTA)	VIKT	TYNGDPUNKT X	Y	Z
STÅL								
1					0			
2					0			
3					0			
4					0			
5					0			
6					0			
7					0			
8					0			
9					0			
10					0			
11					0			
12					0			
13					0			
14					0			
15					0			
16					0			
17					0			
18					0			
19					0			
20					0			
21					0			
22					0			
23					0			
24					0			
25					0			
26					0			
27					0			
28					0			
29					0			
30					0			
31					0			
32					0			
33					0			
34					0			
35					0			
36					0			
37					0			
38					0			
TOTAL STEEL						X	Y	Z
			SUM STEEL		0	########	########	#######
ARCH. / INSTALL.								
1	1	GOLV(RW 327 80mm,RW 327 25mm)	11,55	58,50	676	9,00	1,65	0,22
2	1	TAKISOL.(RW 327 80mm +AL. FOLIE)	8,80	58,50	515	9,00	1,65	3,22
3	1	U-TAK	18,00	8,00	144	17,00	2,40	2,68
4	1	VÄGG (RW 327 80mm+AL.FOLIE)	8,80	136,00	1197	10,00	1,65	1,76
5	1	VÄGG (RW 327 40mm+AL.FOLIE)	4,40	9,00	40	11,92	1,65	1,76
6	1	VÄGG PANEL	22,60	30,00	678	17,00	2,40	1,76
7	1	CORR PL. TR 20/0,5	5,94	200,00	1188	7,00	1,65	2,20
8	1	INREDNING	1710,00	1,00	1710	15,50	1,65	1,30
9	2	DÖRR (DRAG)	300,00	1,00	600	2,40	-0,10	1,50
10	1	DÖRR	40,00	1,00	40	17,20	1,90	1,50
11	1	DATA GOLV	56,00	20,00	1120	5,50	1,65	0,53
12	1	EL	400,00	1,00	400	9,00	1,65	1,63
13	1	HVAC	167,00	1,00	167	14,50	1,80	2,00
14	1	PIPING	150,00	1,00	150	17,20	2,40	0,70
15	1	PVC MATTA	3,70	21,00	78	14,70	1,65	0,26
					0			
TOTAL ARCH. / INSTALL.						X	Y	Z
			SUM ARCH. / INSTALL		8702	10,34	1,62	1,49

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NOTE
CALC. WEIGHT

MODUL SEKTION: VALHALL 3532						X	Y	Z
			LOK. ORIGO [m]			0,00	0,00	0,00
SAMMANFATTNING:			LOK. T.P. [m]			3,89	1,50	3,35
			GLOB. T.P. [m]			3,89	1,50	3,35
			TOT. VIKT [kg]			2123		
POS.	ANTAL	BESKRIVNING	VIKT/	LANGD	VIKT	TYNGDPUNKT		
			ENHET	(YTA)		X	Y	Z
STÅL								
1	4	PL. 180x110x20	3,11	1,00	12	4,07	1,85	3,26
2	2	RHS 80x80x4	9,00	0,99	18	4,07	1,85	3,27
3	2	RHS 80x80x4	9,00	2,79	50	4,07	1,85	3,27
4	6	RHS 70x70x5	10,10	1,01	61	4,07	1,85	3,22
5	1	PL. 2815mm, t= 5mm	111,25	1,00	111	4,07	1,85	3,33
6	2	RHS 80x80x4	9,00	2,79	50	4,07	1,85	5,10
7	2	RHS 80x80x4	9,00	0,95	17	4,07	1,85	5,10
8	5	RHS 70x70x5	10,10	1,01	51	4,07	1,85	5,10
9	4	PL. 110x110x20	1,90	1,00	8	4,07	1,85	5,15
10	4	PADEYE	1,00	1,00	4	4,07	1,85	5,15
11	1	PL. 2810mm, t=3mm	66,30	1,07	71	4,07	1,85	5,15
12	4	RHS 100x100x5	14,80	1,86	110	4,07	1,85	4,20
13	1	CORR PL. D= 50mm, t= 3mm	27,70	9,10	252	4,07	2,05	4,20
14	2	PL. 70x5	2,75	2,79	15	4,07	1,25	4,20
15	4	HINGE (MOMEK, TYP H7)	3,00	1,00	12	4,07	1,25	4,20
16	2	PL. 70x5	2,75	1,56	9	2,50	1,25	4,20
17	4	RHS 50x50x2,5	3,71	1,67	25	4,07	1,28	4,20
18	4	RHS 50x50x2,5	3,71	1,37	20	4,07	1,28	4,20
19	2	RHS 50x50x2,5	3,71	1,27	9	4,07	1,28	4,20
20	1	PL. 1355x3	32,00	1,72	55	3,15	1,25	4,20
21	1	PL. 1445x3	34,10	1,72	59	4,45	1,25	4,20
22	1	RÄCKEN	300,00	1,00	300	3,33	1,65	3,85
23	1	STEGE	200,00	1,00	200	-0,45	0,65	3,10
24					0			
25					0			
26					0			
27					0			
28					0			
29					0			
30					0			
31					0			
32					0			
33					0			
34					0			
35					0			
36					0			
37					0			
38					0			
TOTAL STEEL						X	Y	Z
			SUM STEEL		1520	3,30	1,61	3,96
ARCH. / INSTALL.								
1		GOLV			0			
2		TAKISOL.			0			
3		U-TAK			0			
4		VÄGG			0			
5		VÄGG			0			
6		VÄGG			0			
7	1	GALERDURK	45,0	7,5	338	3,33	0,65	3,27
8		INREDNING			0			
9		DÖRR			0			
10		DÖRR			0			
11		EL			0			
12	1	HVAC	265,0	1,0	265	8,00	2,00	4,00
13		PIPING			0			
					0			
TOTAL ARCH. / INSTALL.						X	Y	Z
			SUM ARCH. / INSTALL.		603	5,38	1,24	1,83

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Note
CALC. WEIGHT

MODUL SEKTION: TOTALT						X	Y	Z
VALHALL 3532			LOK. ORIGO [m]			0,00	0,00	0,00
SAMMANFATTNING:			LOK. T.P. [m]			8,90	1,61	1,58
			GLOB. T.P. [m]			8,90	1,61	1,58
			TOT. VIKT [kg]			27515		
POS.	ANTAL	BESKRIVNING	VIKT/	LANGD	VIKT	TYNGDPUNKT		
			ENHET	(YTA)		X	Y	Z
TOTAL								
1	1	MODUL4100 (STEEL)	16690	1,00	16690	8,78	1,62	1,40
1	1	MODUL 4100 (ARCHI./INSTALL)	8702	1,00	8702	10,34	1,62	1,49
1	1	MODUL 4101 (STEEL/HVAC)	2123	1,00	2123	3,89	1,50	3,35
					0			
						X	Y	Z
TOTAL LEVEL 1			SUM :		27515	8,90	1,61	1,58

Norm calc. weight

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MODUL SEKTION: TOTALT						X	Y	Z
VALHALL 3532			LOK. ORIGO [m]			0,00	0,00	0,00
SAMMANFATTNING:			LOK. T.P. [m]			9,31	1,62	1,43
			GLOB. T.P. [m]			9,31	1,62	1,43
			TOT. VIKT [kg]			25392		
POS.	ANTAL	BESKRIVNING	VIKT/	LÄNGD	VIKT	TYNGDPUNKT		
			ENHET	(YTA)		X	Y	Z
TOTAL								
1	1	MODUL4100 (STEEL)	16690	1,00	16690	8,78	1,62	1,40
1	1	MODUL 4100 (ARCHI./INSTALL)	8702	1,00	8702	10,34	1,62	1,49
					0			
					0			
						X	Y	Z
TOTAL LEVEL 1			SUM :		25392	9,31	1,62	1,43