


REV	DATE	MODIFICA	DRAWER
0	17/02/2009	FIRST ISSUE	LS
01	02/03/2009	REVISED POS. 20...25;ADDED POS. 35,35.	DB
02	17/03/2009	ADD. POS 37, 38, 39, 40, REVISED POS. 20, 21, 22, 25	LS
03	28/04/2009	ADDED POS. 41,42	DB



Material List of Drw: 12834 - 2000

Title: PORTALS ASSEMBLY

Ref. Drv 12834 - 0000Ref. Pos: 1

Item\Fam: 0000Groups for crane: 1

Material Handling Engineering																	
				Data: 03-lug-09	Project: 12834	Job: 18033	Mat List of Drw: 2000	Ref. Drw: 0 - 12834	Ref. Pos: 1	Item\Fam : 0000	Groups for crane: 1						
				Customer: PIRAEUS PORT AUTHORITY - RMG 40t				Title: PORTALS ASSEMBLY									
POS	DRW N°	ELECTRICAL CODE	DESCRIPTION	MATERIAL	NOTE	FUNCTION	DIMENSIONS	Qty in Drw	Weight in Drw	Qty for 1 Crane	Qty for Job	RAM	ORD	SUPPLIED BY	MADE BY	ITEM FAM REV	
1	12834 - 2100		SILL BEAM F1-F2					2	30586	2	16					01 01	
2	12834 - 2200		RIGID LEG R2					1	14213	1	8					01 02	
3	12834 - 2210		RIGID LEG R3					1	14213	1	8					01 02	
4	12834 - 2300		FLEXIBLE LEGS F2 - F3					2	19060	2	16					01 02	
5	12834 - 2400		GIRDER T2					1	78695	1	8					01 03	
6	12834 - 2410		GIRDER T3					1	78695	1	8					01 03	
7	12834 - 2350		UPPER SILLBEAM T1					2	9083	2	16					01 03	
8	12834 - 2301		FLEXIBLE LEG-GIRDER CONNECTION					2	2492	2	16					01 02	
9	12834 - 2304		SHEAR PLATE					2	44	2	16					01 02	
10	12834 - 2305		PIN					2	740	2	16					01 06	
11	12834 - 2306		PLATE FOR PIN					8	14	8	64					01 06	
12	12834 - 2120		CABLE REEL ACCESSORIES SILL BEAM F1					2	17	2	16					01 81	
13			CABLE REEL ACCESSORIES LEG F2					1	20	1	8					01 81	
14			EYE PLATES FOR GIRDER					1	190	1	8					01 03	
15	12834 - 2408		GIRDER RILWAYS					2	10584	2	16					01 04	
16	12834 - 2110		ACCESSORIES SILLBEAM R1 STAIR SIDE					1	245	1	8					01 01	
17			ACCESSORIES LEG R2					1	366	1	8					01 01	
18			ACCESSORIES GIRDER T2					1	600	1	8					01 03	
19			ACCESSORIES GIRDER T3					1	58	1	8					01 03	
20	12834 - 2451		CABLEWAY SUPPORT					1	66	1	8					01 03 02	
21			SILL BEAM F1 STIRRUPS					1	257	1	8					01 01 02	

Material Handling Engineering			Data: 03-lug-09	Project: 12834	Job: 18033	Mat List of Drw: 2000	Ref. Drw: 0 - 12834	Ref. Pos: 1	Item\Fam : 0000	Groups for crane: 1								
			Customer: PIRAEUS PORT AUTHORITY - RMG 40t			Title: PORTALS ASSEMBLY												
POS	DRW N°	ELECTRICAL CODE	DESCRIPTION	MATERIAL	NOTE	FUNCTION	DIMENSIONS	Qty in Drw	Weight in Drw	Qty for 1 Crane	Qty for Job	RAM	ORD	SUPPLIED BY	MADE BY	ITEM	FAM	REV
22			SIIL BEAM R1 STIRRUPS					1	262	1	8					01	16	02
23			ELXIBLE LEG F2 STIRRUPS					1	34	1	8					01	16	01
24			RIGID LEG R2 STIRRUPS					1	30	1	8					01	16	01
25			GIRDER T2 ACCESSORIES					1	28	1	8					01	16	02
26	12834 - 2412		SPACER					4	164	4	32					01	03	
27	12834 - 2000		SCREW	8,8		HOT DIP GALVANIZED	DIN931 M24x180	16		16	128					01	81	
28	12834 - 2000		NUT	8		HOT DIP GALVAZIZED	DIN934 M24	16		16	128					01	81	
29	12834 - 2000		WASCHER	C70		HOT DIP GALVANIZED	DIN127-B DIA.24,5	16		16	128					01	81	
30	12834 - 2000		SCREW	10.9 (S=100)		HOT DIP GALVANIZED	DIN6914 M30x145	636	700	636	5088					01	81	
31	12834 - 2000		NUT	10		HOT DIP GALVANIZED	DIN6915 M30	636	190	636	5088					01	81	
32	12834 - 2000		WASHER	C50		HOT DIP GALVANIZED	DIN6916 31x56	1272	80	1272	10176					01	81	
33	12834 - 2000		SELF LOCKING COUNTER NUT	C70		HOT DIP GALVANIZED	DIN7967 M30	636	10	636	5088					01	81	
34	12834 - 2000		BUFFER			TYPE 9 MFZ PIN NUMBER 08		4	292	4	32		9566	OMG	OLEO	06	27	
35			GIRDER T3 STIRRUPS					1	4	1	8					01	16	01
36			UPPER SILL BEAM T1 STIRRUPS					2	16	2	16					01	16	01
37	12834 - 2000		SCREW	8,8		HOT DIP GALVANIZED	DIN933 M12x30	96		96	768					01	81	02
38	12834 - 2000		SCREW	8,8		HOT DIP GALVANIZED	DIN933 M12x35	12		12	96					01	81	02
39	12834 - 2000		NUT	8		HOT DIP GALVANIZED	DIN 934 M12	12		12	96					01	81	02
40	12834 - 2000		WASHER	C70		HOT DIP GALVANIZED	DIN125-A DIA.13	108		108	864					01	81	02
41	12834 - 2000		SCREW	8,8		HOT DIP GALVANIZED	DIN933 M20x50	16		16	128					01	81	03
42	12834 - 2000		WASHER	C70		HOT DIP GALVANIZED	DIN127-B DIA20,2	16		16	128					01	81	03
WEIGHT FOR CRANE [kg]: 262048																		