



REV	DATE	MODIFICA	DRAWER
0	30/01/2009	FIRST ISSUE	GM
01	20/03/2009	ADDED POS.90	GM
02	31/03/2009	GENERAL REVISION	GM
03	08/04/2009	REVISED DRAWING	LS
04	11/05/2009	ADDED POS.97	GM
05	04/06/2009	ADDED POS.98	GF



Material List of Drw: 12834 - 5106

Title: TROLLEY FRAME B6

Ref. Drv 12834 - 5100Ref. Pos: 6

Item\Fam: 0601Groups for crane: 1

Material Handling Engineering			Data: 03-lug-09		Project: 12834		Job: 18033		Mat List of Drw: 5106		Ref. Drw: 5100 - 12834		Ref. Pos: 6		Item\Fam : 0601		Groups for crane: 1	
			Customer: PIRAEUS PORT AUTHORITY - RMG 40t					Title: TROLLEY FRAME B6										
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 - 5106		PROFILE	S235JR OR EQUIVALENT	PL10	220x9610	3	495	3	24					06	01		
2	12834 - 5106		PROFILE	S235JR OR EQUIVALENT	UNP 100	904	1	10	1	8					06	01		
3	12834 - 5106		PROFILE	S235JR OR EQUIVALENT	HEA 280	1491	2	227	2	16					06	01		
4	12834 - 5106		PROFILE	S235JR OR EQUIVALENT	UNP 200	1491	4	150	4	32					06	01		
5	12834 - 5106		PROFILE	S235JR OR EQUIVALENT	UNP 200 DOUBLE	1491	8	300	8	64					06	01		
6	12834 - 5106		PROFILE	S235JR OR EQUIVALENT	UNP 200	1183	8	238	8	64					06	01		
7	12834 - 5106		PROFILE	S235JR OR EQUIVALENT	UNP 200	396	4	40	4	32					06	01		
8	12834 - 5106		PROFILE	S235JR OR EQUIVALENT	UNP 100	916	1	10	1	8					06	01		
9	12834 - 5106		PROFILE	S235JR OR EQUIVALENT	UNP 200	904	1	23	1	8					06	01		
10	12834 - 5106		PROFILE	S235JR OR EQUIVALENT	UNP 200	490	4	50	4	32					06	01		
11	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL15	320x210	1	8	1	8					06	01		
12	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL25	200x190	2	15	2	16					06	01		
13	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL15	580x292	1	12	1	8					06	01		
14	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL15	215x292	1	5	1	8					06	01		
15	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL15	580x292	3	51	3	24					06	01		
16	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL15	390x292	1	12	1	8					06	01		
17	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL10	220x292	2	10	2	16					06	01		
18	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL10	260x275	2	11	2	16					06	01		
19	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL10	182x60	10	9	10	80					06	01		
20	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL10	450x95	1	3	1	8					06	01		

Material Handling Engineering

Data: 03-lug-09 Project: 12834 Job: 18033 Mat List of Drw: 5106 Ref. Drw: 5100 - 12834 Ref. Pos: 6 Item\Fam : 0601 Groups for crane: 1

Customer: PIRAEUS PORT AUTHORITY - RMG 40t Title: TROLLEY FRAME B6

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
21	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL10	580x95	20	80	20	160					06		01
22	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL10	390x200	3	15	3	24					06		01
23	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL6	60x941	11	29	11	88					06		01
24	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL6	60x1259	5	18	5	40					06		01
25	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL8	235x220	6	19	6	48					06		01
27	12834 - 5106		PROFILE	S235JR OR EQUIVALENT	UNP 200	1183	2	60	2	16					06		01
28	12834 - 5106		PROFILE	S235JR OR EQUIVALENT	UNP 200	1491	2	75	2	16					06		01
29	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL10	150x198	4	8	4	32					06		01
30	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL30 MACHINED	890x150	2	63	2	16					06		01
31	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL10	495x900	2	70	2	16					06		01
32	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL10	334x130	2	7	2	16					06		01
33	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL10	289x80	1	2	1	8					06		01
34	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL10	930x688	1	38	1	8					06		01
35	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL10	388x495	2	30	2	16					06		01
36	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL10	475x125	4	15	4	32					06		01
37	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL25	325x750	2	96	2	16					06		01
38	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL12	710x100	2	14	2	16					06		01
39	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL12	215x100	6	12	6	48					06		01
40	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL12	89x100	6	6	6	48					06		01
41	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL25	450x400	1	35	1	8					06		01
42	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL10	395x190	1	6	1	8					06		01
43	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL15	390x100	2	9	2	16					06		01
44	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL15	85x100	4	4	4	32					06		01
45	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL15	170x100	2	4	2	16					06		01

Material Handling Engineering			Data: 03-lug-09		Project: 12834		Job: 18033		Mat List of Drw: 5106		Ref. Drw: 5100 - 12834		Ref. Pos: 6		Item\Fam : 0601		Groups for crane: 1	
			Customer: PIRAEUS PORT AUTHORITY - RMG 40t						Title: TROLLEY FRAME B6									
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	
46	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL15	120x244	2	7	2	16					06	01		
47	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL15	120x57	2	2	2	16					06	01		
48	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL12	166x289	1	5	1	8					06	01		
49	12834 - 5106		PROFILE	S235JR OR EQUIVALENT	HEA 220	100	2	10	2	16					06	01		
50	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL20	340x275	1	14	1	8					06	01		
51	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL8	230x42	4	2	4	32					06	01		
52	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL8	230x70	4	4	4	32					06	01		
53	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL8	410x51	2	2	2	16					06	01		
54	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL8	582x153	4	20	4	32					06	01		
55	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL8	350x250	8	40	8	64					06	01		
56	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL10	160x180	4	9	4	32					06	01		
57	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL8	230x52	8	3	8	64					06	01		
58	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL10	55x80	1		1	8					06	01		
59	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL10	420x80	1	2	1	8					06	01		
60	12834 - 5106		CHEQUERED PLATE	S185 OR EQUIVALENT	3+2	2965x1010	1	84	1	8					06	01		
61	12834 - 5106		CHEQUERED PLATE	S185 OR EQUIVALENT	3+2	1944x1010	1	55	1	8					06	01		
62	12834 - 5106		CHEQUERED PLATE	S185 OR EQUIVALENT	3+2	3035x1010	1	85	1	8					06	01		
63	12834 - 5106		CHEQUERED PLATE	S185 OR EQUIVALENT	3+2	1755x1010	1	50	1	8					00	00		
64	12834 - 5106		CHEQUERED PLATE	S185 OR EQUIVALENT	3+2	1319x1755	1	65	1	8					00	00		
65	12834 - 5106		CHEQUERED PLATE	S185 OR EQUIVALENT	3+2	1319x1955	1	72	1	8					00	00		
66	12834 - 5106		CHEQUERED PLATE	S185 OR EQUIVALENT	3+2	940x1295	1	34	1	8					00	00		
67	12834 - 5106		CHEQUERED PLATE	S185 OR EQUIVALENT	3+2	1319x1615	1	59	1	8					00	00		
68	12834 - 5106		CHEQUERED PLATE	S185 OR EQUIVALENT	3+2	940x745	1	19	1	8					00	00		
69	12834 - 5106		CHEQUERED PLATE	S185 OR EQUIVALENT	3+2	1319x1935	1	71	1	8					00	00		

Material Handling Engineering																		
			Data: 03-lug-09		Project: 12834		Job: 18033		Mat List of Drw: 5106		Ref. Drw: 5100 - 12834		Ref. Pos: 6		Item\Fam : 0601		Groups for crane: 1	
			Customer: PIRAEUS PORT AUTHORITY - RMG 40t				Title: TROLLEY FRAME B6											
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	
70	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL5	240x2400	2	23	2	16					06	01		
71	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL5	65x320	2	1	2	16					06	01		
72	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL5	390x50	1	1	1	8					06	01		
73	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL5	120x320	1	1	1	8					06	01		
74	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL5	135x800(total)	6	4	6	48					06	01		
75	12834 - 5106		PROFILE	S235JR OR EQUIVALENT	UNP 200	350	2	18	2	16					06	01		
76	12834 - 5106		PROFILE	S235JR OR EQUIVALENT	UNP 200	139	2	7	2	16					06	01		
77	12834 - 5106		PROFILE	S235JR OR EQUIVALENT	UNP 200	72	2	4	2	16					06	01		
78	12834 - 5106		PROFILE	S235JR OR EQUIVALENT	UNP 200	245,5	2	12	2	16					06	01		
79	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL10	306,5x200	1	5	1	8					06	01		
80	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL10	580x252	3	15	3	24					06	01		
81	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL10	200x156	3	7	3	24					06	01		
82	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL10	601,5x190	2	18	2	16					06	01		
83	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL10	180x150	2	4	2	16					06	01		
84	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL10	190x130	2	4	2	16					06	01		
85	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL10	114x85	2	1	2	16					06	01		
86	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL10	114x535	2	10	2	16					06	01		
87	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL10	114x130	2	2	2	16					06	01		
88	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL10	160x160	4	8	4	32					06	01		
89	12834 - 5106		CABLE PROTECTION	RUBBER	PL10	5000	1	1	1	8					06	01		
90	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL20	155x240	1	6	1	8					06	01	01	
91	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL10	198x580	1	9	1	8					06	01		
92	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL10	220x1662	1	28	1	8					06	01		
93	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL10	220x6890	3	357	3	24					06	01		

Material Handling Engineering		Data: 03-lug-09		Project: 12834		Job: 18033		Mat List of Drw: 5106		Ref. Drw: 5100 - 12834		Ref. Pos: 6		Item\Fam : 0601		Groups for crane: 1	
		Customer: PIRAEUS PORT AUTHORITY - RMG 40t				Title: TROLLEY FRAME B6											
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
94	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL10	580x9610	3	876	3	24					06	01	
95	12834 - 5106		PROFILE	S235JR OR EQUIVALENT	UNP 180	100	1	2	1	8					06	01	
96	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL20	180x180	1	2	1	8					06	01	
97	12834 - 5106		EYEBOLT PLATE	S355JO OR EQUIVALENT	PL20	160x250	4	24	4	32					06	01	04
98	12834 - 5106		PLATE	S355JO OR EQUIVALENT	PL20	70x80	4	3	4	32					06	01	05

WEIGHT FOR CRANE [kg]: 4561