



REFERENCE DRAWINGS				
DESCRIPTION			DWG. Nos.	
GENERAL ARRANGEMENT DRAWING FOR CONDENSATE TANK (T-6002)			165-4-MST-001	
BOTTOM PLATES DETAILS			165-4-MST-002	
SHELL PLATES DETAILS			165-4-MST-003	

21	WASHER FOR M10 BOLT.	8	MS	3.94 Kg/1000 Pcs.	-
20	HEX. BOLT M10 WITH NUT x 45mm LONG.	4	ASTM A-193 Gr.B7 ASTM A-194 Gr.2H	48.4 Kg/1000 Pcs.	-
19	PLATE 80 x 65 x 6mm THK.	4	ASTM A-36	47.1 Kg/m ²	1
18	PLATE 150 x 100 x 6mm THK.	4	ASTM A-36	47.1 Kg/m ²	3
17	END PLATE 6mm THK. (AS SHOWN).	2	ASTM A-36	47.1 Kg/m ²	-
16	PLATE 200 x 160 x 9mm THK.	2	ASTM A-36	47.1 Kg/m ²	3
15	PLATE 394 x 120 x 12mm THK.	2	ASTM A-36	94.2 Kg/m ²	9
14	HEX. NUT FOR EYE BOLT M-20.	4	ASTM A-36	84.4 Kg/1000 Pcs.	-
13	SUPPORT PLATE 100 x 75 x 12mm THK.	2	ASTM A-36	94.2 Kg/m ²	1
12	EYE BOLT ROD #20 x 382 LONG.	2	ASTM A-36 GALV.	2.46 Kg/m	2
11	HOOK ROD #14 x 293 LONG.	2	ASTM A-36	1.20 Kg/m	-
10	STOPPER RING PLATE O.D. 85 x I.D. 63 x 12mm THK.	2	ASTM A-36	94.2 Kg/m ²	-
9	DAVIT PIPE 2" SCH. 80 1025 LONG.	2	ASTM A-106 Gr.B	7.48 Kg/m	15
8	WASHER FOR M20 BOLTS.	112	ASTM A-36	16.4/1000 Pcs.	2
7	ROUND BAR #10 x 310 LONG.	4	ASTM A-36	0.61 Kg/m	1
6	GASKET O.D. 746 x I.D. 610 x 1/8" THK.	2	FLEXIBLE GRAPHITE W/304 OR 316 SS CORRUGATED INSERT	-	-
5	HEX. BOLTS M20 x 90 LONG WITH NUTS.	56	ASTM A-193 Gr.B7 ASTM A-194 Gr.2H	329 Kg/1000 Pcs.	18
4	NECK 273 x 1888 x 9mm THK.	2	ASTM A-36	70.65 Kg/m ²	73
3	BOLTING FLANGE O.D. 832 x I.D. 610 x 14 THK.	2	ASTM A-36	109.9 Kg/m ²	55
2	COVER PLATE #832 x 17 THK.	2	ASTM A-36	133.45 Kg/m ²	145
1	REPAD 9mm THK. (AS SHOWN).	2	ASTM A-36	70.65 Kg/m ²	156
ITEM	DESCRIPTION	QTY.	MATERIAL	WT./UNIT	TOTAL(Kg.)
				TOTAL WT.(Kg.)	484

NOTE:

1. ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE STATED.

C2	28-10-2015	RE-ISSUED FOR CONSTRUCTION	MH	MMA	MAS
C1	31-08-2015	REVISED AS PER KR / XJ COMMENTS	AA	MMA	MAS
C0	05-08-2015	ISSUED FOR CONSTRUCTION	AA	MMA	MAS
REV.	DATE	DESCRIPTION OF REVISION	DRAWN	CHECKED	APPR.

CLIENT:

OIL & GAS DEVELOPMENT COMPANY LTD.

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DWG. NO. 165-4-MST-007

REV. C2

JOB NO. 165-4

PROJECT : KPD-TAY INTEGRATED DEVELOPMENT
PROJECT PHASE-II

TITLE : SHELL MANHOLES, NOZZLES AND EARTHING LUGS DETAILS FOR (20m DIA. x13.510m HT)

SIZE A1

SCALE 1:15

SHEET 1 OF 2