



**"AS - BUILT"**

**NOTES:**

1. CONTRACTOR TO DECIDE ON FIELD WELDS AND EXTRA SPOOL LENGTH WHEREVER NECESSARY.
2. WELD NO. (1) TO (18)

DESIGN DATA	
1. DESIGN PRESSURE	: 95 BARG
2. OPERATING TEMPERATURE	: 100° C
3. HYDROSTATIC TEST PRESSURE	: 142.5 BARG
4. CORROSION ALLOWANCE	: 1/8"
5. RADIOGRAPHY	: 100%
6. INSULATION	: PP
7. INSPECTION BY	: GSI (QC)
8. PWHT	: NO

**BILL OF MATERIAL**

**FABRICATION MATERIALS**

PT NO	COMPONENT DESCRIPTION	N. S. (INS)	PIPE SPEC.	QTY
1	PIPE SMLS BE SCH 120 A106 GR. B, NACE	6	E1	2.4M
2	ECC RED BW SCH 120 A234 GR. WPB, NACE	10 x 4	E1	1
3	EQUAL TEE BW SCH 120 A234 GR. WPB, NACE	6 x 6	E1	1
4	ECC RED BW SCH 120 A234 GR. WPB, NACE	6 x 4	E1	1
5	WELDOLET SCH 120 x SCH 160 A105, NACE	6 x 3/4	E1	1
6	90 DEG LR ELBOW SMLS BW SCH 120 A234 GR. WPB, NACE	6	E1	3
7	FLANGE 900LB WN RTJ SCH 120 A105, NACE	10	E1	1
8	FLANGE 900LB WN RTJ SCH 120 A105, NACE	6	E1	5
9	FLANGE 900LB WN RTJ SCH 120 A105, NACE	4	E1	2

**ERECTION MATERIALS**

PT NO	COMPONENT DESCRIPTION	N. S. (INS)	PIPE SPEC.	QTY
10	75mm LG PIPE NIPPLE TOE SCH 160 A106 GR. B, NACE	3/4	E1	1
11	PLUG SCRD 6000LB A105, NACE	3/4	E1	1
12	R53 OVAL RING SOFT IRON BHN90 ZINC COATED	10	E1	2
13	R45 OVAL RING SOFT IRON BHN90 ZINC COATED	6	E1	5
14	R37 OVAL RING SOFT IRON BHN90 ZINC COATED	4	E1	2
15	240 MM LG STUD BOLTS C/W NUTS A193 GR. B7/A194 GR. 2H HOT-DIP GALV. COATED	1. 3/8	E1	32
16	205 MM LG STUD BOLTS C/W NUTS A193 GR. B7/A194 GR. 2H HOT-DIP GALV. COATED	1. 1/8	E1	60
17	180 MM LG STUD BOLTS C/W NUTS A193 GR. B7/A194 GR. 2H HOT-DIP GALV. COATED	1. 1/8	E1	16
18	BALL VALVE 900LB RTJ, BV-34 (FB)	10	E1	1
19	BALL VALVE 900LB RTJ, BV-34 (LC)	6	E1	1
20	BALL VALVE 900LB RTJ, BV-34 (FB)	6	E1	1
21	BALL VALVE THREADED (LC) PER PIPING SPEC. E1	3/4	E1	1
22	901 PV-112	4		1

**SUPPORTS**

23	STD TTI CLAMP	6	E1	3
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NO	AS BUILT	AR	RAGU	SD	09.04.12
3	AS BUILT	FT	BS	SD	07.06.10
2	REVISED DUE TO INTERFERENCE WITH MONORAIL	EC	CG	SD	28.07.08
1	REVISED PER GSI'S COMMENTS	NN	CG	SD	12.05.08
0	APPROVED FOR CONSTRUCTION	NN	CG	SD	17.04.08
REV. NO	DESCRIPTION OF REVISION	BY	CHKD	APPD	DATE

CLIENT : **OOG TK FPSO**

PROJECT : **FPSO CIDADE DEITAJÁ**

JOB NO. : **21-8791**

QUANTITY : **1**

CLASS : **ABS**

TITLE : **PIPING ISOMETRIC**

LINE NO : **901-6"-PG-1007A-E1**  
**901-6"-PG-1007B-E1**

BSI DISCIPLINE SIGN : **SD**

PROCESS : **AK**

MECHANICAL : **VC**

PIPING : **MM**

STRUCTURAL : **WCH**

E & I : **AK**

PROJECT : **EG**

ACAD DWG : **6375-5121-28\_X0**

JOB NO. : **K375**

BSI DWS. NO. : **GSI-6375-5121**

SHT : **28**

REV : **X0**

**U wasco** Gas Services International (S) Pte Ltd

**JURONG SHIPYARD PTE LTD**  
(A subsidiary of SembCorp Marine Ltd)

ENGINEERING DEPARTMENT : **XXX** SECTION

**ISO 9001** Certificate Number: 3102