



**"AS - BUILT"**

#### NOTES:

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

DESIGN DATA	
1. DESIGN PRESSURE	: 17 BARG
2. OPERATING TEMPERATURE	: 49° C
3. HYDROSTATIC TEST PRESSURE	: 25.5 BARG
4. CORROSION ALLOWANCE	: 1/8"
5. RADIOGRAPHY	: 100%
6. INSULATION	: NO
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 XS A106 GR. B, NACE	14	B1	2.0M
2	FLANGE 300LB WN RF XS A105, NACE	14	B1	2
ERECTION MATERIALS				
PT NO	COMPONENT DESCRIPTION	N. S. (INS)	PIPE SPEC.	QTY
3	SPIRAL WOUND GASKET 300LB RF 4.5mm THK SS316 WINDINGS/GRAPHITE FILLER V/3mm THK CS CENTERING RING, ZINC COATED	14	B1	3
4	200 MM LG STUD BOLTS C/W NUTS A193 GR. B7/A194 GR. 2H HOT-DIP GALV. COATED	1. 1/8	B1	20
5	185 MM LG STUD BOLTS C/W NUTS A193 GR. B7/A194 GR. 2H HOT-DIP GALV. COATED	1. 1/8	B1	20
6	TEMP. STRAINER 300LB, 901S-1031	14	B1	1
<div><div>XO</div><div>AS BUILT</div><div>AR</div><div>RAGU</div><div>SD</div><div>09.04.12</div></div>				
<div><div>2</div><div>AS BUILT</div><div>FT</div><div>BS</div><div>SD</div><div>07.06.10</div></div>				
<div><div>1</div><div>REVISED PER P&amp;ID CHANGES</div><div>NN</div><div>CG</div><div>SD</div><div>17.04.08</div></div>				
<div><div>0</div><div>APPROVED FOR CONSTRUCTION</div><div>SHU</div><div>CG</div><div>SD</div><div>27.03.08</div></div>				
REV. NO		DESCRIPTION OF REVISION		
BY		CHKD	APPD	DATE
CLIENT : <b>OOG TK FPSO</b>				
PROJECT : <b>FPSO CIDADE DEITAJÁ</b>				JOB NO. <b>21-8791</b>
TITLE : <b>PIPING ISOMETRIC</b>				QUANTITY : <b>1</b>
LINE NO. <b>901-14"-PG-1002A-B1</b> <b>901-14"-PG-1002B-B1</b>				CLASS : <b>ABS</b>
TITLY DRAWING NO. <b>7000-04-L-26-XN-05121</b>				
<div><div><div>GS1 DISCIPLINE SIGN</div><div>APPROVED BY</div><div>SD</div></div><div><div>PROCESS</div><div>AR</div><div>CHECKED BY</div><div>BS</div></div><div><div>MECHANICAL</div><div>VC</div><div>DRAWN BY</div><div>RAGU</div></div><div><div>PIPING</div><div>MM</div><div>SCALE</div><div>N.T.S</div></div><div><div>STRUCTURAL</div><div>WCH</div><div>SCALE</div><div>N.T.S</div></div><div><div>E &amp; I</div><div>AK</div><div>ACAD DIB</div><div>ED</div></div><div><div>PROJECT</div><div>ED</div><div>G375-5121-10_X0</div><div>K375</div><div>GSI-G375-5121</div><div>SHT 10</div><div>XO</div></div></div> <div><div><b>U</b></div><div><b>wasco</b></div><div>Gas Services International (S) Pte Ltd</div></div> <div><div><b>JSL</b></div><div><b>JURONG SHIPYARD PTE LTD</b></div><div>(A subsidiary of SembCorp Marine Ltd)</div><div>ENGINEERING DEPARTMENT</div><div>XXX</div><div>SECTION</div></div> <div><div><b>ABS</b></div><div><b>ISO 9001</b></div><div><b>ISO 14001</b></div><div><b>ISO 45001</b></div></div>				