

- 1. CONTRACTOR TO DECIDE ON FIELD WELDS AND EXTRA SPOOL LENGTH WHEREVER NECESSARY.
- 2. WELD NO. (1) TO (23)

## **DESIGN DATA** 1. DESIGN PRESSURE : 5 BARG : 65° C

2. OPERATING TEMPERATURE 3. HYDROSTATIC TEST PRESSURE

: 7.5 BARG 4. CORROSION ALLOWANCE : 1/8" 5. RADIOGRAPHY : 10%

6. INSULATION 7. INSPECTION BY 8. PWHT

: NO : GSI (QC) : NO

# BILL OF MATERIAL

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	FABR	ICATI	DN	MATER	RIALS

PT NO	COMPONENT DESCRIPTION	N. S. (INS)	PIPE SPEC.	QTY ——
1	PIPE SMLS BE STD. WT. A106 GR. B, NACE	10	A1	1. 9
2	PIPE SMLS BE SCH 80 A106 GR. B, NACE	2	A1	1. 1
3	EQUAL TEE BW STD. WT. A234 GR. WPB, NACE	$10 \times 10$	A1	5
4	CONC RED BY STD. WT. A234 GR. WPB, NACE	$10 \times 4$	A1	2
5	WELDDLET STD. WT. x SCH 80 A105, NACE	10 x 2	A1	1
6	90 DEG LR ELBOW SMLS BW STD. WT. A234 GR. WPB, NACE	10	A1	3
7	90 DEG LR ELBOW SMLS BW SCH 80 A234 GR. WPB, NACE	5	A1	2
8	FLANGE 150LB WN RF STD. WT. A105, NACE	10	A1	5
9	FLANGE 150LB WN RF SCH 40 A105, NACE	4	A1	2
10	FLANGE 300LB WN RF SCH 80 A105, NACE	2	A1	1
	ERECTION MATERIALS			
PT NO	COMPONENT DESCRIPTION	.2 .N (2NI)	PIPE SPEC.	QTY
11	BLIND FLANGE 150LB RF A105, NACE	10	A1	1

SPIRAL WOUND GASKET 150LB RF 4,5mm THK

SS316 WINDING/GRAPHITE FILLER W/3mm THK

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SS316 WINDING/GRAPHITE FILLER W/3mm THK

CS CENTERING RING, ZINC COATED

CS CENTERING RING, ZINC COATED

120 MM LG STUD BOLTS C/W NUTS A193

95 MM LG STUD BOLTS C/W NUTS A193

GR. B7/A194 GR. 2H HOT-DIP GALV. COATED

GR. B7/A194 GR. 2H HOT-DIP GALV. COATED

BALL VALVE 150LB RF, BV-22(FB) (CSI)

BALL VALVE 150LB RF, BV-22(FB) (CSC)

SUPPORTS

STD TTI CLAMP

18

CLIBIT :

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XO	as Built	AR	RAGU	SD	09.04.1
1	AS BUILT	FÍ	BS	SD	07.06.1
0	APPROVED FOR CONSTRUCTION	NN	CG	SD	30.04.0
REV. NO	DESCRIPTION OF REVISION	BY	CHK'D	APP'D	DATE

OUGM

PROJECT: 21-9791 FPSO CIDADE DEITAJAÍ 901-10"-VFH-1003A-A1 PIPING ISOMETRIC 901-10"-VFH-10038-A1 TOP2 DENTINE. NO. 7000-04-L-26-XN-05121

RH NA AK ACAD DAS 1

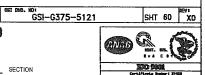
EG 9375-5121-60\_XX

K375

ENGINEERING DEPARTMENT XXX SECTION

wasco Gas Services International (S) Pte Ltd

JSL



SHT 60 XO

A1

A1

A1

A1

A1

A1

A1

7/8

5/8

2

60

16

JURONG SHIPYARD PTE LTD