

FABRICATION MATERIALS

PT NO	COMPONENT DESCRIPTION	N.S. (INS)	ITEM CODE	QTY
1	Pipe ASME B36.10M BE S-80 ASTM A 333 GR. 6 SMLS	2	26700	2.7M
2	Reducer Concentric ASME B16.9 BWxBW S-40xS-80 ASTM A 420 GR. WPL6 Wrought S	3 x 2	1826	1
3	Tee ASME B16.9 BW S-80 ASTM A 420 GR. WPL6 Wrought S	2 x 2	10571	1
4	Sockolet MSS SP-97 BWxSW 3000# ASTM A 350 Gr. LF2 Class 1 FRGD.	2 x 3/4	15182	1
5	Elbow 90 D LR ASME B16.9 BW S-80 ASTM A 420 GR. WPL6 Wrought S	2	890	1
6	Flange Weldneck ASME B16.5 300 LB RF (125-250 AARH) S-40 ASTM A 350 Gr. LF2 Class 1 FRGD.	3	22734	1
7	Flange Weldneck ASME B16.5 300 LB RF (125-250 AARH) S-80 ASTM A 350 Gr. LF2 Class 1 FRGD.	2	22733	9












ERECTION MATERIALS

PT NO	COMPONENT DESCRIPTION	N.S. (INS)	ITEM CODE	QTY
8	Flange Blind ASME B16.5 FLG 300 LB RF (125-250 AARH) ASTM A 350 Gr. LF2 Class 1 FRGD.	2	21353	1
9	Flange Socketweld ASME B16.5 300 LB RF (125-250 AARH) S-80 ASTM A 350 Gr. LF2 Class 1 FRGD.	3/4	22297	1
10	Flange Blind ASME B16.5 FLG 300 LB RF (125-250 AARH) ASTM A 350 Gr. LF2 Class 1 FRGD.	3/4	21350	1
11	Gasket Spiral Wound - 4.5 mm Thk. ASME B16.20 300 LB Outer LTCS ring 3.2mm, inner ring SS316 AISI 316 SPIRAL WOUND/GRAPHITE	3	25205	1
12	Gasket Spiral Wound - 4.5 mm Thk. ASME B16.20 300 LB Outer LTCS ring 3.2mm, inner ring SS316 AISI 316 SPIRAL WOUND/GRAPHITE	2	25204	9
13	Gasket Spiral Wound - 4.5 mm Thk. ASME B16.20 300 LB Outer LTCS ring 3.2mm, inner ring SS316 AISI 316 SPIRAL WOUND/GRAPHITE	3/4	25201	1
14	110 Stud bolt w/2 heavy hex. nuts ASME B18.2.2 /ASME B1.1 ASTM A 193 GR.B7M/A194 GR.2HM	3/4	35173	8
15	180 Stud bolt w/2 heavy hex. nuts ASME B18.2.2 /ASME B1.1 ASTM A 193 GR.B7M/A194 GR.2HM	5/8	46336C	8
16	90 Stud bolt w/2 heavy hex. nuts ASME B18.2.2 /ASME B1.1 ASTM A 193 GR.B7M/A194 GR.2HM	5/8	35157	56
17	80 Stud bolt w/2 heavy hex. nuts ASME B18.2.2 /ASME B1.1 ASTM A 193 GR.B7M/A194 GR.2HM	5/8	35155	4
18	Valve Ball LP FB API 6D FLG 300 LB RF (125-250 AARH) Bolted, Spllt, Side Entry (Cast Or Forge) GA-E-60793L ASTM A 352 GR. LCC or A 350 GR.LF2 CL.1 Cast or Forged	2	31446	2
19	Valve Check dual plate LP API 594 WAFER 300 LB RF (125-250 AARH) GA-E-60302L ASTM A 352 GR. LCC Cast	2	32498	1

* CONT. ON DRG 4 *

PHASE 14 CONSORTIUM
**APPROVED FOR
CONSTRUCTION**

ALL CONTROL VALVES, SAFETY VALVES, STRAINERS, SPECIAL PARTS, INSTRUMENT ITEMS SHOULD BE CHECKED WITH LAST REVISION OF VENDOR DRAWING (ACTUAL DIMENSION) BEFORE ANY SPOOL FABRICATION ACTIVITIES.

NOTE		CONDITION		DESIGN		OPERATING								SOUTH PARS GAS FIELD DEVELOPMENT																		
1- ROOT GAPS OF BUTT WELD FITTINGS ARE NOT INCLUDED IN DIMENSIONS. 2- ISOMETRIC DRAWINGS FOR 1 1/2" AND SMALLER PIPINGS ARE JUST FOR INFORMATION. PIPING ROUTING, DIMENSIONS AND ELEVATIONS TO BE CHECKED BY CONSTRUCTION CONTRACTOR BEFORE INSTALLATION. 3- FOR 1 1/2" AND SMALLER, SUPPORTS TO BE SELECTED BY CONSTRUCTION CONTRACTOR EXCEPT AS NOTED. 4- BEFORE PRE-FABRICATION CHECK ACTUAL SIZE OF SPECIAL ITEMS.		PRESS. (barg)		47.4		21.3									ORIGINATOR		   				PHASE 14 TOMBAK ONSHORE FACILITIES DETAIL DESIGN		 N . I . O . C PARS OIL AND GAS COMPANY									
		TEMP.(°C)		55		-										     																
TEST FLUID:H		PRESS. TEST(barg): 71.1				D4	26.Jun.19	APPROVED FOR CONSTRUCTION	IPMI	A.KH.	H.L.	A.D.	P.T.B																			
INSULATION TYPE:C				INSULATION THK.: 70		D3	19.11.18	APPROVED FOR CONSTRUCTION	IPMI	T.R.	H.L.	A.D.	P.T.B																			
PAINT CODE:3				HEAT TRANSFER CEMENT:-		D2	04.10.14	APPROVED FOR CONSTRUCTION	IPMI	F.Y.	S.M	M.F	P.T.B																			
STRESS ANALYSIS:3				DENSITY(kg/m³):587.9		D1	14.12.11	APPROVE FOR CONSTRUCTION	IPMI	Z.Z	A.D	M.F	P.T.B																			
TRACING	STEAM TRACING QTY.		TRACING SIZE		NDT:10%RT		D0	20.10.11	ISSUED FOR APPROVAL	IPMI	Z.Z	A.D	M.F	P.T.B	LINE No.:																	
	-		-		PWHT:N		REV.	DATE	DESCRIPTION		ORIG.	PREP.	CHKD.	APPD.	CONT.	20"-L. 147.10012-D21-C																
	ELEC. TRACING		YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>		PHASE: L		REF.P&ID DWG.No.:14-147-0030-0102				DOCUMENT No.:																				
															DWG-14-147-1330-2001-I					L.147.10012					I		D4		3 /10		3	
																				ISO DRAWING No.:					ORG. ID.:		REV.:		SHT. No.:		DOC. CLASS	

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