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25	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	4	25206	5
26	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
27	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
28	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
29	145 Stud bolt w/2 heavy hex. nuts ASME B18.2.2 /ASME B1.1 ASTM A 193 GR.B7M/A194 GR.2HM	3/4	35193B	8
30	115 Stud bolt w/2 heavy hex. nuts ASME B18.2.2 /ASME B1.1 ASTM A 193 GR.B7M/A194 GR.2HM	3/4	35174	24
31	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
32	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
33	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
34	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
35	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
36	Valve Ball LP FB API 6D FLG 300 LB RF (125–250 AARH) Bolted, Split, 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
37	Valve Globe LP BS 1873 FLG 300 LB RF (125–250 AARH) Bolted Bonnet GA–E–60202L ASTM A 352 GR. LCC Cast	2	29210	1
38	Valve Globe RP female ends FB BS 5352 SW 800# Bolted Bonnet GA–E–60200L ASTM A 350 Gr. LF2 Class 1 FRGD.	1	29364	1
39	Valve Ball ext.w/2nip FB BS 5351 PE 800# Ball Float Type GA–E–60449L S–80 ASTM A 350 Gr. LF2 Class 1 FRGD.	1	32117	1
40	Valve Ball ext.w/2nip FB BS 5351 PE 800# Ball Float Type GA–E–60449L S–80 ASTM A 350 Gr. LF2 Class 1 FRGD.	3/4	32116	3
41	Valve Globe RP female ends FB BS 5352 SW 800# Bolted Bonnet GA–E–60200L ASTM A 350 Gr. LF2 Class 1 FRGD.	3/4	29363	2
INSTRUMENTS				
42	Pneumatic On–Off Valve–300# 147 ESDV–0127	4		1
43	GENERAL CONTROL VALVE 300# RF 147 SDV–0125	4		1

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)		23.5		6.3									ORIGINATOR		   				PHASE 14 TOMBAK ONSHORE FACILITIES DETAIL DESIGN		 N.I.O.C PARS OIL AND GAS COMPANY								
		TEMP.(°C)		85		-																									
		TEST FLUID:H		PRESS. TEST(barg): 35.25				D4	26.Jun.19	APPROVED FOR CONSTRUCTION		IPMI	A.KH.	H.L.	A.D.	P.T.B	     														
		INSULATION TYPE:C			INSULATION THK.: 40			D3	21.10.17	APPROVED FOR CONSTRUCTION		IPMI	M.B.	S.M	M.F	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):554.7			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.:				LINE CLASS:		UNIT No.:									
	-		-		PWHT:N		REV.	DATE	DESCRIPTION		ORIG.	PREP.	CHKD.	APPD.	CONT.	4"-L. 147.10052-D21-C				D21		147									
	ELEC. TRACING		YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>		PHASE: L		REF.P&ID DWG.No.:14-147-0030-0107								DOCUMENT No.:				ISO DRAWING No.:				ORG. ID.:		REV.:		SHT. No.:		DOC. CLASS	
																DWG-14-147-1330-2001-I				L. 147.10052				I		D4		2 /9		3	

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