














20	65 Stud bolt w/2 heavy hex. nuts ASME B18.2.2 /ASME B1.1 ASTM A 193 GR.B7M/A194 GR.2HM	1/2	35149	***** * CONT. FROM DRG 4 * *****	4
21	Valve Ball LP FB API 6D FLG 150 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	31255		1
22	Valve Check dual plate LP API 594 WAFER 150 LB RF (125-250 AARH) GA-E-60302L ASTM A 352 GR. LCC Cast	2	32371		1
23	Valve Ball ext.w/2nlp FB BS 5351 PE 800# Ball Float Type GA-E-60449L S-80 ASTM A 350 Gr. LF2 Class 1 FRGD.	3/4	32116		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.

<div>NOTE</div> <div>1- ROOT GAPS OF BUTT WELD FITTINGS ARE NOT INCLUDED IN DIMENSIONS.</div> <div>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.</div> <div>3- FOR 1 1/2" AND SMALLER, SUPPORTS TO BE SELECTED BY CONSTRUCTION CONTRACTOR EXCEPT AS NOTED.</div> <div>4- BEFORE PRE-FABRICATION CHECK ACTUAL SIZE OF SPECIAL ITEMS.</div>		CONDITION		DESIGN		OPERATING								SOUTH PARS GAS FIELD DEVELOPMENT																	
		PRESS. (barg)		3.5		0.01										ORIGINATOR		<div><div></div><div></div><div></div><div></div></div>				<div>PHASE 14</div> <div>TOMBAK ONSHORE</div> <div>FACILITIES</div> <div>DETAIL DESIGN</div>				<div></div> <div>N.O.C</div> <div>PARS OIL AND GAS</div> <div>COMPANY</div>					
		TEMP.(°C)		55		-										<div><div></div><div></div></div>		<div><div></div><div></div><div></div><div></div></div>													
		TEST FLUID:H		PRESS. TEST(barg): 7				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):-				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.													
				-		-		PWHT:N		REV.	DATE	DESCRIPTION		ORIG.	PREP.	CHKD.	APPD.	CONT.													
				ELEC. TRACING		YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	PHASE:V		REF.P&ID DWG.No.:14-147-0030-0101																			

LINE No.:				LINE CLASS:				UNIT No.:											
20"-G.147.10001-B21-C				B21				147											
DOCUMENT No.:						ISO DRAWING No.:						ORG. ID.:		REV.:		SHT. No.:		DOC. CLASS	
DWG-14-147-1330-2001-I						G.147.10001						I		D4		5 /5		3	