

ERECTION MATERIALS

PT NO	COMPONENT DESCRIPTION	N.S. (INS)	ITEM CODE	QTY ——
1	Pipe ASME B36.10M MTHD PSL1, Hot dipped Galvanized, Thread as per ASME B 1.20.1-NPT S-80 API 5L GR. B Galvanized SMLS	1	27079	9.1M
2	Tee Reducing Female ASME B16.11 FTHDxFTHD 3000# ASTM A 105 Galvanized FRGD.	1 x 1/2	31986	6
3	Flange Threaded ASME B16.5 150 LB RF (125-250 AARH) ASTM A 105 Galvanized FRGD.	1	22433	3
4	Flange Blind ASME B16.5 FLG 150 LB RF (125–250 AARH) ASTM A 105 Galvanized FRGD.	1	21180	1
5	Gasket Flat Ring 2.0 mm Thk ASME B16.21 150 LB Asbestos Free ARAMIDIC FIBER(13%)	1	33559	2
6	65 Stud bolt w/2 heavy hex. nuts ASME B18.2.2 /ASME B1.1 ASTM A 193 B7/ASTM A 194 GR.2H	1/2	34818	8
7	SPECIAL ITEM FUSIBLE PLUG	1/2		6

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 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.

COND	DITION)ESIGN	OPERATING												
PRESS. (barg)	11		7.5											21N1 A TAD	
TEMP.(°C)		85		65											GINATOR	
TEST FLUID: Leak Test+SPRE&&cEESTebatg): 7.5																
INSULATION TYPE:		INSULATIO	N THK.: -													
PAINT CODE: 4	1		HEAT TRAI	NSFER CEMENT:-						F.Y	S.M	H.F.		IPMI	TEHRAN RAYMANI CONSULTING ENGINEER	MAPNA GROUP
STRESS ANALY	Y\$I\$: 1		DENSITY(k	(g/m³):8.7	D1 04.1	0.14 APPR	OVED FOR CONSTRU	JCTION	IPMI	F.Y.	S.M	M.F	P.T.B	LINE No	.:	
STEAM TRACING QTY. TRACING SIZE NDT:NONE				D0 20.1	0.11 APPR	OVED FOR CONSTRU	JCTION	IPMI	Z.Z	A.D	M.F	P.T.B	1"-1	A.147.12	109-B10-N	
TRACING -		_	PWI	HT: N	REV. DA	TE	DESCRIPTION	V	ORIG.	PREP.	CHKD.	APPD.	CONT.	DOCUME	NT No.:	
ELEC. TRACING YES NO X PHASE: V				REF.P&ID	DWG.No.:	14-130-0060-0260)	1	I	1	1		DWG-	14-147-13	330-1001-I	

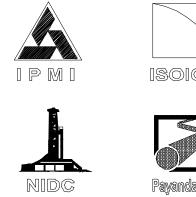
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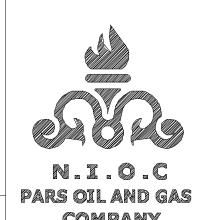


ISO DRAWING No.:

IA.147.12109



TOMBAK ONSHORE FACILITIES DETAIL DESIGN



PROJECT No.: POGC-653-89-35

LINE CLASS:

I D1 1 /1

Company UNIT No.: ORG. ID.: REV.: SHT. No.: DOC. CLASS