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FIRST ANGLE PROJECTION (ALL DIMENSIONS IN MILLIMETRES)

96651-559-08-2-80-655-15996
DRAWING No.

- NOTES:
- ALL DIMENSIONS ARE IN MILLIMETRES
- DESIGN PRESSURE - 0.2 KG/CM² (G) DESIGN TEMPERATURE: 220°C
 - FOR STANDARD NOTES OF PRODUCTION AND ERECTION OF PIPES AND TOLERANCE ON FITTINGS REFER DRG NO. 4-80-001-37654 & 4-80-301-26192
 - FOLLOW APPLICABLE QP AND PAINTING SCHEDULE FOR THE PROJECT
 - ALL UNMARKED BENDS/ELBOWS ARE 90 DEG
 - PIPE ENDS SHALL BE BEVELLED AS PER B16.25 FIG.2 TYPE-A
 - GASKET IS SUPPLIED VIDE 7419-80-733 PGMA.
 - FOR ELECTRODE DATA REFER

PIPE SIZE	MATERIAL SPEC	EP FIG	WELD SPEC	ELECTRODE DATA	
				ROOT RUN	FILLER RUN
OD1520x8	ASTMA516 GR.70	FIG-A	8 $\sqrt{}$	ER70S-2/ E6010/E6013	ER70S-2/ E7016/E7018

8. THREADS SHALL BE UNIFIED(UNC FOR UPTO 1" DIA) AS PER ASME B1.1 WITH CLASS 2A FIT FOR STUDS AND CLASS 2B FIT FOR NUTS.

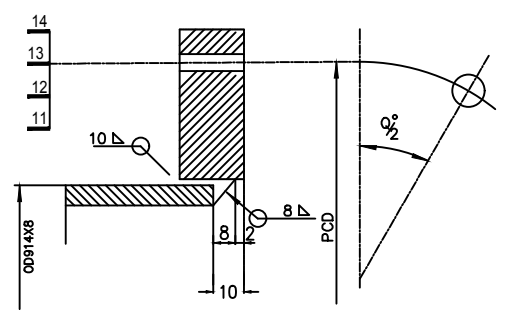


9. $\emptyset$ INDICATES WELD AT SHOP.



10. $\times$ INDICATES WELD AT SITE.

DETAIL-2



DETAIL-1

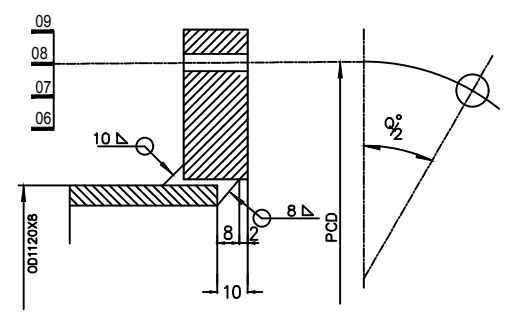
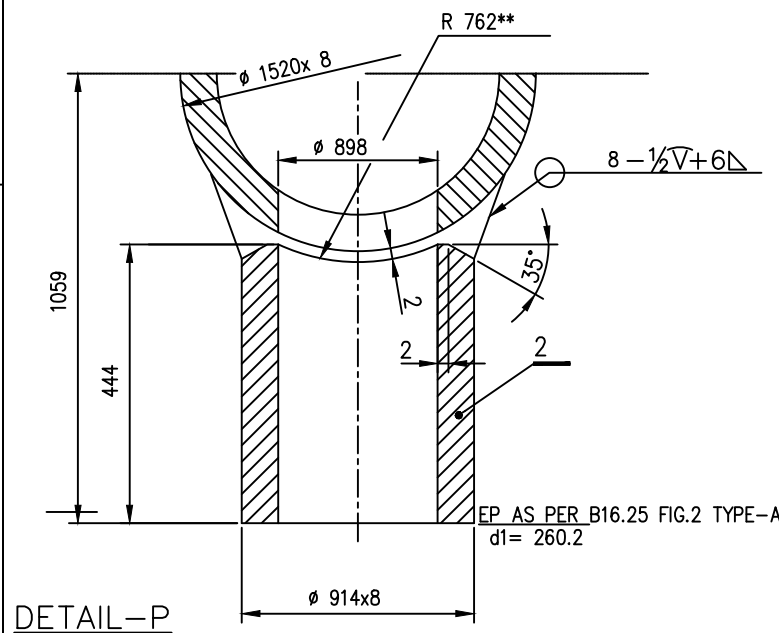


FIG-A
B16.25 FIG.2 TYPE-A

** BRANCH PIPE SHALL BE CUT TO SUIT THE OUTER SURFACE OF THE MAIN PIPE SUCH THAT A UNIFORM GAP OF 2mm IS MAINTAINED THROUGHOUT



DETAIL-P

REV	DATE	ALTERED	E.PYRIA
02	13.05.19	APPROVED	KVR
ZONE	DRAWING REVISED AS PER LATEST EIL DRAWING.		
	REVISION MARKED AS $\triangle 02$		
REV	DATE	ALTERED	M.P.K
01	29.04.19	APPROVED	TRINADH
ZONE	DRAWING REVISED AS PER MAIL FROM EIL DT: 24.04.19		
	REVISION MARKED AS $\triangle 01$		

WK602D3Z004ZZZZZ	18	B16.11 SW STUB 1/2" CL:6000	4-80-655-83151	---	C	0 210
				SA105		01
PI24977Z00410ZZZZ	17	PIPE OD21.3X4.78 L=1260	2-80-655-15984	---	C	1 614
				SA106GRB		01
---	16	NUT 5/8" UNC	2-80-655-15996	---		0 033
				A194 GR.2H		96
---	15	STUD 5/8" UNC L=113mm	2-80-655-15996	---		0 224
				A193 GR.B7		48
GKFDSC2Z034ZZZZZ	14	GASKET JOB STD EXPANDED PTFE CORD 150# 7MM THK - 36"	2-80-655-15996	---		---
				---		6
---	13	NUT 5/8" UNC	2-80-655-15996	---		0 033
				A194 GR.2H		168
---	12	STUD 5/8" UNC L=113mm	2-80-655-15996	---		0 224
				A193 GR.B7		84
FNFK521Z034ZZZZZ	11	FLANGE.SO CL.150 FF/125AARH 36"	2-80-655-16008	07	ASTM A 516 GR.70	48 354
						6
FBFK521Z042ZZZZZ	10	BLIND FLANGE. CL.150 FF/125AARH 60"	2-80-655-16009	13	ASTM A 516 GR.70	146 947
						1
GKFDSC2Z034ZZZZZ	09	GASKET JOB STD EXPANDED PTFE CORD 150# 7MM THK - 44"	2-80-655-15996	---		---
				---		3
---	08	NUT 5/8" UNC	2-80-655-15996	---		0 033
				A194 GR.2H		216
---	07	STUD 5/8" UNC L=113mm	2-80-655-15996	---		0 224
				A193 GR.B7		108
FNFK521Z034ZZZZZ	06	FLANGE.SO CL.150 FF/125AARH 44"	2-80-655-16008	09	ASTM A 516 GR.70	41 752
						3
---	05	FLANGE.SO CL.150 FF/125AARH 60"	2-80-655-16008	13	ASTM A 516 GR.70	55 712
						1
---	04	GASKET JOB STD EXPANDED PTFE CORD 150# 7MM THK - 60"	2-80-655-15996	---		---
				---		1
WUMBZ4ZZ034633063	03	P.F REDUCER OD1120/OD914	4-80-655-83160	01	ASTM A 516 GR.70	109 687
						3
---	02	P.F PIPE OD914x8 L=444	3-80-655-35538	01	ASTM A 516 GR.70	79 367
						3
P18Y713Z04263ZZZZ	01	P.F PIPE OD1520x8 L=7055	3-80-655-35536	01	ASTM A 516 GR.70	2104 507
						1
ITEM CODE	ITEM NO.	DESCRIPTION	DRAWING NO.	ITEM NO. VAR	MATERIAL CODE	UNIT WT.
					MATERIAL SPEC.	QTY.

CUSTOMER INDIAN OIL CORPORATION LIMITED (HALDIA)

CONSULTANT ENGINEERS INDIA LIMITED (EIL) NEW DELHI

NAME OF PROJECT BS-VI, HALDIA

	BHARAT HEAVY ELECTRICALS LTD., PIPING CENTRE, CHENNAI 600 017		DRN	E.PYRIA	SIGN	DATE	NO OF ITEMS
			CHD	SARAVANAN.C	--sd--	27.02.19	
			APPD	KVR	--sd--	27.02.19	

DEPT.	GRADE OF UN TOL. DIM	SCALE	WEIGHT (Kg).	ITEM No.	
CODE	C/M/F				
TITLE			CARD CODE	DRAWING No.	REV
60-AH-205-2801-K22A-IH-E (SH1 OF 3)			U 01	2-80-655-15996	02