

GENERAL DIMENSIONAL LIMITS, FITS & TOLERANCES AS PER HY0230261

	Pressure kg/cm ² (g)	Temp. °C	Flow m ³ /hr
NOR.	ATM	42	--
MIN.	--	12.5	--
MAX.	ATM	45	4.0
MECH. DESIGN	26.3	65	

- 1.1. VENTS/DRAINS ARE SHOWN ONLY TO MEET SYSTEM REQUIREMENTS, ADDITIONAL HIGH POINT VENTS AND LOW POINT DRAINS SHALL BE PROVIDED ACCORDING TO FINAL LAYOUT. ALL HIGH POINT VENTS/DRAINS SHALL BE PROVIDED WITH 1" VALVE, FLANGE AND BLIND FLANGE, THE DRAIN POINTS SHALL BE TERMINATED AT MIN. 300 MM ABOVE FFL.
- 1.2. PLEASE REFER TO PIPING DESIGN SPECS AND LINE SPECS FOR MATERIAL OF CONSTRUCTION AND LINE RATINGS.
- 1.3. ALL MAIN PROCESS VALVES FOR FUEL OIL SHALL BE BALL VALVES ONLY.
- 1.4. FOR PIPING LINE SCHEDULE, PLEASE REFER TO PIPING MATERIAL SPECIFICATION.
- 1.5. COPPER JUMPERS SHALL BE PROVIDED BY PE&SD (PIPING AND LAYOUTS) ACROSS ALL THE FLANGES FOR ELECTRICAL CONDUCTIVITY. THIS SHALL BE AS PER PROJECT REQUIREMENT INDICATED IN CONTRACT SPECIFICATION.

2.1 INSTRUMENT HOOK-UP SCHEMES ARE NOT INDICATED. HOWEVER, ALL INSTRUMENTS SHALL BE PROVIDED WITH NECESSARY ROOT VALVES.

2.2 THE INSTRUMENTS IN THIS PROJECT SHALL BE SUITABLE FOR ZONE-1 GAS GROUP IIA/IIB/IC, TEMPERATURE CLASS T3 MINIMUM.

2.3 PROCESS CONNECTIONS FOR INSTRUMENTS SHALL BE AS PER DOCUMENT NO. PESDI/HPCL/INST-PIPING INTF/00.

TITLE OF LOGIC	LOGIC NO.	TAG NOS. INVOLVED	CONDITIONS FOR LOGIC EXECUTION	REMARKS	PROCESS INTERLOCK EXECUTED IN
HSD FUEL OIL DAY TANKS	IS-7001	PV-7006	FUEL OIL LEVEL HIGH IN DAY TANKS(LT-7006)	CLOSE UV-7006	BOP PLC

TAG NO. INDEX	TAGS USED	RANGE	SPARE TAGS
EQUIPMENT TAG	--	7001-99	--
LINE NUMBERS	7001-7015	7001-99	06
VALVE TAG.	7001-7018	7001-99	--
INST. TAG	7001-7006	7001-99	--
INTERLOCK TAG.	--	7001-99	--



DRAWING NO.	TITLE	REMARKS
A758-7941001191-1	P&ID STANDARD SYMBOLS AND NOMENCLATURE	EIL DRAWING
PY-AN-4-M104-1000-01	NUMBERING PHILOSOPHY	BHEL DRAWING
PY-SC-4-M104-8121-01	DRIVE CONTROL PHILOSOPHY	BHEL DRAWING
PY-DP-1-M104-1052-01	P&ID FOR HSD FORWARDING SYSTEM FOR GT & HRSG	BHEL DRAWING
PY-AO-4-M104-1052-02	DESIGN BASIS AND SYSTEM WRITE-UP FOR HSD STORAGE SYSTEM FOR DG SETS	BHEL DOC.

PE&SD INTERNAL REVIEW		
	C&I	SIGN
REV.		

	BHARAT HEAVY ELECTRICALS LTD. HYDERABAD	NAME	SIGN.	DATE	NO. OF VAR.	
		DRN.	MURALIDHAR		03.05.18	
		CHD.	IFTEKHARUL	sd/-	03.05.18	N.A.
		APPD.	MSPB		03.05.18	

DEPT. FPD	UNITS. DIMS.		SCALE	WEIGHT (KG)	REF. TO ASSY. DRG.	ITEM NO.	NO. OF ITEMS
CODE 450	OR g/w/f		N.T.S	N.A.	N.A.	N.A.	N.A.
TD:	TITLE P&ID FOR HSD FORWARDING SYSTEM FOR DIESEL GENERATOR SETS			DRG. NO. PY-D-P-1-M104-1052-02 105202-608-1170 NA SHT NO. 01 NO. OF SHT 01		REV. 01	

REV.	DATE	ALTERED	REV.	DATE	ALTERED	REV.	DATE	ALTERED	REV.	DATE	ALTERED	REV.	DATE	ALTERED	REV.	DATE	ALTERED	REV.	DATE	ALTERED	REV.	DATE	ALTERED	MURALIDHAR
		CHD/APPD			CHD/APPD			CHD/APPD			CHD/APPD			CHD/APPD	03		CHD/APPD	02		CHD/APPD	01	27.07.18	CHD/APPD	IFTEKHAR
ZONE			ZONE			ZONE			ZONE			ZONE						ZONE			ZONE			REVISED IN-LINE WITH EIL/RFCL COMMENTS RECEIVED VIDE EMAIL D 19.06.18