

# HINDUSTAN PETROLEUM CORPORATION LIMITED

## Visakha-Vijayawada-Secunderabad Pipeline MAINTENANCE DEPARTMENT - Instrumentation LIST OF EQUIPMENTS

LOCATION : SURYAPET BOOSTER STATION

Sl. No.	Equipment	Make	Nos	Specification/ Rating	Maintenance Instr/ Manuals	Maintenance Format No.	QMI No.
1	Pressure Transmitter	M/s ABB M/s ABB M/s ABB M/s ABB	25 2 1 2 2 4 2 2 (Total=40)	0-90kg/cm2 0-80kg/cm2 0-100kg/cm2 0-140kg/cm2 0-60kg/cm2 0-4kg/cm2 0-5kg/cm2 0-0.2kg/cm2	EXT/ISP/01	IMF/INS/01	IMI/INS/01
2	Pressure Switch	M/s Indfos Ltd. M/s Delta Control	8 3	Refer operation key parameters	EXT/ISP/06 Sec.6	IMF/INS/02	IMI/INS/02
3	Temp. Transmitter/RTD	M/s Rosemount M/s ABB	19 8	TT: 0-80 C RTD: Pt 100	EXT/ISP/02 EXT/ISP/06 Sec.6	IMF/INS/03	IMI/INS/03
4	Turbine Flow meter	M/s Rockwin	2	55-550 m³/h	EXT/ISP/03	IMF/INS/04	IMI/INS/04
	Ultrasonic Flow meter	M/s Emerson	2	223 -2030 m³/h			
5	Control Valve Actuator	M/s ACS/ M/s Dresser	3		EXT/ISP/04	IMF/INS/05	IMI/INS/05
6	Level Transmitter	M/s Mill Control M/s Nivelco	1 1	1550mm displacer 3600 mm guided wave radar	EXT/ISP/14 (A& B)	IMF/INS/06	IMI/INS/06
7	Flow Computer	M/s Omni M/s ABB	4 1		EXT/ISP/05	IMF/INS/07	IMI/INS/07
8	UCP	M/s BHEL	2		EXT/ISP/06	IMF/INS/09	IMI/INS/09
9	PLC	M/s GE-Fanuc and ROCKWELL (VFD)	2		EXT/ISP/07	OEM report	IMI/INS/10
10	Density Meter	M/s Thermo Measurement	2		EXT/ISP/08	IMF/INS/11	IMI/INS/11
11	TSV	M/s Tyco Sanmar M/s Darling Muesco	15 5		EXT/ISP/09	IMF/INS/12	IMI/INS/12
12	HC DETECTOR Open Path Point Type	M/s Spectrex Inc. M/s Crowcon	2 2		EXT/ISP/10	OEM report	IMI/INS/20