







OWNER:  شرکت سست موبلی آوس ایرانیان (سهامی خاص)	BUSHEHR PETROCHEMICAL COMPANY MEG PLANT						EPC CONTRACTOR:  Chagalesh-Enerchimi-Steam Joint Venture BUPC-MEG PLANT PROJECT		
MC :  شرکت سست موبلی آوس ایرانیان (سهامی خاص)	INSTRUMENT INDEX FOR NITROGEN GAS BOOSTER								
	Project	Area	Phase	Unit	Dis.	Doc.	Seq.	Contract No : 52-98/445	
Owner Document Number: 17811-72A	BU	20	VD	303	IN	INX	0032	Rev.:	Page
								03	1 of 3

Repeated Comment

- Manufacturer and model no. shall be specified in next revision.

- All "TBA", "to be advised", "will be stated later" and ect. items shall be specified.

 شرکت پتروکیمی اوشهر	 Chagalesh-Enerchimi-Steam Joint Venture BUPC-MEG PLANT PROJECT	INDEX FOR NITROGEN GAS BOOSTER BUSHEHR PETROCHEMICAL COMPANY MEG PLANT
Document Review		
Issue Purpose:	FA	
Result Code: AP,AN,CM,RE,NC	AN	
Next Status : IFC,IFA,IFI,AFC,AB	AFC	
Responsible Department	MECHANICAL	
Commented Date	Feb/13/2022	
Approval or review hereunder shall not be construed to relieve Vendor / Subcontractor of his responsibilities and liability under the contract.		

03	26/01/2022	For approval	WZ	KP	LdM	
02	16/11/2021	For approval	WZ	KP	LdM	
01	23/09/2021	For approval	WZ	KP	LdM	
00	24/11/2020	For approval	TvT	KP	LdM	
Rev.	Date	Purpose of Issue	Prepared	Checked	Approved	AC Code
					Class: 1	Phase: P

Not found in PID

Tag number has discrepancy with PID

Repeated Comment
Tag number to be specified.
(according to I/O List)

IS/NIS for all signals
shall be specified.

13 50 160

Discrepancy with PID. In PID 1/2"

considering the fact that both PIT-10157 and PIT-10156 are on the same line, it must be clarified how it is possible that LL alarm is higher than high alarm.

Discrepancy with P&ID in valve size please clarify

To be deleted

Discrepancy with PID. In PID it is High alarm. Besides, TAHH-10153 stands for HH alarm.

Discrepancy with PID. In PID it is 2"

PSV inlet/outlet size shall be specified

TAG NUMBER	SERVICE DESCRIPTION	INSTRUMENT TYPE	LOCATION	FILE NUMBER	SYSTEM TYPE	U/O TYPE	SIGNAL TYPE	IS/NIS	CALIBRATED RANGE	ENGINEERING UNIT	STATE 1	STATE 2	SET POINT L	SET POINT H	SET POINT HI	PROCESS CONNECTION	INSTRUMENT CONNECTION	ISB	TYPE	SIZE	FW	ISOLATION	PROTOCOL	WIRING DRAWING NUMBER	DATASHEET NUMBER	HOOK-UP DRAWING NUMBER	MANUFACTURER & MODEL NO.	PANEL OR LOCAL
PID-10151	Compressor Inlet Steam Differential Pressure Transmitter	DIFFERENTIAL PRESSURE GAUGE	FIELD	80-20-V03-01-01-000-0013	PI	DI	4-20 mA	ANALOG	0 to 100	bar/g			13	50	160	1/2" NPT M	1/2" NPT M	YES	0-WAY		YES			80-20-V03-01-01-000-0043	80-20-V03-01-01-000-0013	INA	LOCAL	
PID-10152	Compressor Inlet Nitrogen Pressure Gauge	PRESSURE GAUGE	FIELD	80-20-V03-01-01-000-0014	PI	DI	4-20 mA	ANALOG	0 to 10	bar/g						1/2" NPT M	1/2" NPT M	YES	0-WAY		YES			80-20-V03-01-01-000-0043	80-20-V03-01-01-000-0014	INA	LOCAL	
PID-10153	Compressor Inletman After-Cooler Nitrogen Pressure Gauge	PRESSURE GAUGE	FIELD	80-20-V03-01-01-000-0015	PI	DI	4-20 mA	ANALOG	0 to 10	bar/g						1/2" NPT M	1/2" NPT M	YES	0-WAY		YES			80-20-V03-01-01-000-0043	80-20-V03-01-01-000-0015	INA	LOCAL	
PID-10154	Compressor Cooling Water Inlet Water Pressure Gauge	PRESSURE GAUGE	FIELD	80-20-V03-01-01-000-0016	PI	DI	4-20 mA	ANALOG	0 to 10	bar/g						1/2" NPT M	1/2" NPT M	YES	0-WAY		YES			80-20-V03-01-01-000-0043	80-20-V03-01-01-000-0016	INA	LOCAL	
PID-10155	Compressor Outlet Nitrogen Pressure Gauge	PRESSURE GAUGE	FIELD	80-20-V03-01-01-000-0017	PI	DI	4-20 mA	ANALOG	0 to 10	bar/g						1/2" NPT M	1/2" NPT M	YES	0-WAY		YES			80-20-V03-01-01-000-0043	80-20-V03-01-01-000-0017	INA	LOCAL	
PID-10156	Compressor Outlet Nitrogen Temperature Transmitter	TEMPERATURE GAUGE	FIELD	80-20-V03-01-01-000-0018	PI	DI	4-20 mA	ANALOG	0 to 100	C						1/2" NPT M	1/2" NPT M	YES	0-WAY		YES			80-20-V03-01-01-000-0043	80-20-V03-01-01-000-0018	INA	LOCAL	
PID-10157	Compressor Cooling Water Inlet Water Temperature Gauge	TEMPERATURE GAUGE	FIELD	80-20-V03-01-01-000-0019	PI	DI	4-20 mA	ANALOG	0 to 100	C						1/2" NPT M	1/2" NPT M	YES	0-WAY		YES			80-20-V03-01-01-000-0043	80-20-V03-01-01-000-0019	INA	LOCAL	
PID-10158	Compressor Cooling Water Outlet Water Temperature Gauge	TEMPERATURE GAUGE	FIELD	80-20-V03-01-01-000-0020	PI	DI	4-20 mA	ANALOG	0 to 100	C						1/2" NPT M	1/2" NPT M	YES	0-WAY		YES			80-20-V03-01-01-000-0043	80-20-V03-01-01-000-0020	INA	LOCAL	
PID-10159	Compressor PS Turbine Oil Level Gauge	LEVEL GAUGE	FIELD	80-20-V03-01-01-000-0021	PI	DI	4-20 mA	ANALOG	will be defined later	mm						1/2" NPT M	1/2" NPT M	YES	0-WAY		YES			80-20-V03-01-01-000-0043	80-20-V03-01-01-000-0021	INA	LOCAL	
PID-10160	Compressor Inlet Nitrogen Pressure Transmitter	PRESSURE TRANSMITTER	FIELD	80-20-V03-01-01-000-0022	PI	DI	4-20 mA	ANALOG	0 to 13.5	bar/g						1/2" NPT M	1/2" NPT M	YES	0-WAY		YES			80-20-V03-01-01-000-0043	80-20-V03-01-01-000-0022	INA	LOCAL	
PID-10161	Compressor PS Turbine Oil Pressure Transmitter	PRESSURE TRANSMITTER	FIELD	80-20-V03-01-01-000-0023	PI	DI	4-20 mA	ANALOG	0 to 1.5	bar/g						1/2" NPT M	1/2" NPT M	YES	0-WAY		YES			80-20-V03-01-01-000-0043	80-20-V03-01-01-000-0023	INA	LOCAL	
PID-10162	Compressor 3rd downstream intercooler Nitrogen Pressure Transmitter	PRESSURE TRANSMITTER	FIELD	80-20-V03-01-01-000-0024	PI	DI	4-20 mA	ANALOG	0 to 1.0	bar/g						1/2" NPT M	1/2" NPT M	YES	0-WAY		YES			80-20-V03-01-01-000-0043	80-20-V03-01-01-000-0024	INA	LOCAL	
PID-10163	Compressor 2nd downstream intercooler Nitrogen Pressure Transmitter	PRESSURE TRANSMITTER	FIELD	80-20-V03-01-01-000-0025	PI	DI	4-20 mA	ANALOG	0 to 1.0	bar/g						1/2" NPT M	1/2" NPT M	YES	0-WAY		YES			80-20-V03-01-01-000-0043	80-20-V03-01-01-000-0025	INA	LOCAL	
PID-10164	Compressor Inletman After-Cooler Nitrogen Pressure Transmitter	PRESSURE TRANSMITTER	FIELD	80-20-V03-01-01-000-0026	PI	DI	4-20 mA	ANALOG	0 to 1.0	bar/g						1/2" NPT M	1/2" NPT M	YES	0-WAY		YES			80-20-V03-01-01-000-0043	80-20-V03-01-01-000-0026	INA	LOCAL	
PID-10165	Compressor Outlet Nitrogen Pressure Transmitter	PRESSURE TRANSMITTER	FIELD	80-20-V03-01-01-000-0027	PI	DI	4-20 mA	ANALOG	0 to 1.0	bar/g						1/2" NPT M	1/2" NPT M	YES	0-WAY		YES			80-20-V03-01-01-000-0043	80-20-V03-01-01-000-0027	INA	LOCAL	
PID-10166	Compressor Inlet Nitrogen Pressure Transmitter	PRESSURE TRANSMITTER	FIELD	80-20-V03-01-01-000-0028	PI	DI	4-20 mA	ANALOG	0 to 1.0	bar/g						1/2" NPT M	1/2" NPT M	YES	0-WAY		YES			80-20-V03-01-01-000-0043	80-20-V03-01-01-000-0028	INA	LOCAL	
PID-10167	Compressor Inlet Nitrogen Temperature Transmitter	TEMPERATURE TRANSMITTER	FIELD	80-20-V03-01-01-000-0029	PI	DI	4-20 mA	ANALOG	0 to 1.0	C						1/2" NPT M	1/2" NPT M	YES	0-WAY		YES			80-20-V03-01-01-000-0043	80-20-V03-01-01-000-0029	INA	LOCAL	
PID-10168	Compressor 3rd Stage Nitrogen Temperature Transmitter	TEMPERATURE TRANSMITTER	FIELD	80-20-V03-01-01-000-0030	PI	DI	4-20 mA	ANALOG	0 to 1.0	C						1/2" NPT M	1/2" NPT M	YES	0-WAY		YES			80-20-V03-01-01-000-0043	80-20-V03-01-01-000-0030	INA	LOCAL	
PID-10169	Compressor 2nd Stage Nitrogen Temperature Transmitter	TEMPERATURE TRANSMITTER	FIELD	80-20-V03-01-01-000-0031	PI	DI	4-20 mA	ANALOG	0 to 1.0	C						1/2" NPT M	1/2" NPT M	YES	0-WAY		YES			80-20-V03-01-01-000-0043	80-20-V03-01-01-000-0031	INA	LOCAL	
PID-10170	Compressor Inletman After-Cooler Nitrogen Temperature Transmitter	TEMPERATURE TRANSMITTER	FIELD	80-20-V03-01-01-000-0032	PI	DI	4-20 mA	ANALOG	0 to 1.0	C						1/2" NPT M	1/2" NPT M	YES	0-WAY		YES			80-20-V03-01-01-000-0043	80-20-V03-01-01-000-0032	INA	LOCAL	
PID-10171	Compressor 3rd downstream intercooler Nitrogen Temperature Transmitter	TEMPERATURE TRANSMITTER	FIELD	80-20-V03-01-01-000-0033	PI	DI	4-20 mA	ANALOG	0 to 1.0	C						1/2" NPT M	1/2" NPT M	YES	0-WAY		YES			80-20-V03-01-01-000-0043	80-20-V03-01-01-000-0033	INA	LOCAL	
PID-10172	Compressor 2nd downstream intercooler Nitrogen Temperature Transmitter	TEMPERATURE TRANSMITTER	FIELD	80-20-V03-01-01-000-0034	PI	DI	4-20 mA	ANALOG	0 to 1.0	C						1/2" NPT M	1/2" NPT M	YES	0-WAY		YES			80-20-V03-01-01-000-0043	80-20-V03-01-01-000-0034	INA	LOCAL	
PID-10173	Compressor Cooling Water Outlet Water Flow Transmitter	FLOW TRANSMITTER	FIELD	80-20-V03-01-01-000-0035	PI	DI	4-20 mA	ANALOG	0 to 1.0	m ³ /h						1/2" NPT M	1/2" NPT M	YES	0-WAY		YES			80-20-V03-01-01-000-0043	80-20-V03-01-01-000-0035	INA	LOCAL	
PID-10174	Compressor Cooling Water Inlet Water Flow Transmitter	FLOW TRANSMITTER	FIELD	80-20-V03-01-01-000-0036	PI	DI	4-20 mA	ANALOG	0 to 1.0	m ³ /h						1/2" NPT M	1/2" NPT M	YES	0-WAY		YES			80-20-V03-01-01-000-0043	80-20-V03-01-01-000-0036	INA	LOCAL	
PID-10175	Compressor Inlet Subcooled Valve	SUBCOOLED VALVE	FIELD	80-20-V03-01-01-000-0037	PI	DI	0-100	DIGITAL	Open	Closed						1/2" NPT M	1/2" NPT M	YES	0-WAY		YES			80-20-V03-01-01-000-0043	80-20-V03-01-01-000-0037	INA	LOCAL	
PID-10176	Compressor Cooling Water Inlet Subcooled Valve	SUBCOOLED VALVE	FIELD	80-20-V03-01-01-000-0038	PI	DI	0-100	DIGITAL	Open	Closed						1/2" NPT M	1/2" NPT M	YES	0-WAY		YES			80-20-V03-01-01-000-0043	80-20-V03-01-01-000-0038	INA	LOCAL	
PID-10177	Compressor Cooling Water Inlet Subcooled Valve	SUBCOOLED VALVE	FIELD	80-20-V03-01-01-000-0039	PI	DI	0-100	DIGITAL	Open	Closed						1/2" NPT M	1/2" NPT M	YES	0-WAY		YES			80-20-V03-01-01-000-0043	80-20-V03-01-01-000-0039	INA	LOCAL	
PID-10178	Compressor Cooling Water Inlet Subcooled Valve	SUBCOOLED VALVE	FIELD	80-20-V03-01-01-000-0040	PI	DI	0-100	DIGITAL	Open	Closed						1/2" NPT M	1/2" NPT M	YES	0-WAY		YES			80-20-V03-01-01-000-0043	80-20-V03-01-01-000-0040	INA	LOCAL	
PID-10179	Compressor Cooling Water Inlet Subcooled Valve	SUBCOOLED VALVE	FIELD	80-20-V03-01-01-000-0041	PI	DI	0-100	DIGITAL	Open	Closed						1/2" NPT M	1/2" NPT M	YES	0-WAY		YES			80-20-V03-01-01-000-0043	80-20-V03-01-01-000-0041	INA	LOCAL	
PID-10180	Compressor Cooling Water Inlet Subcooled Valve	SUBCOOLED VALVE	FIELD	80-20-V03-01-01-000-0042	PI	DI	0-100	DIGITAL	Open	Closed						1/2" NPT M	1/2" NPT M	YES	0-WAY		YES			80-20-V03-01-01-000-0043	80-20-V03-01-01-000-0042	INA	LOCAL	
PID-10181	Compressor Inletman After-Cooler Pressure Safety Valve	PRESSURE SAFETY VALVE	FIELD	80-20-V03-01-01-000-0043	PI	DI	0-100	DIGITAL	Open	Closed						1/2" NPT M	1/2" NPT M	YES	0-WAY		YES			80-20-V03-01-01-000-0043	80-20-V03-01-01-000-0043	INA	LOCAL	
PID-10182	Compressor Inletman After-Cooler Pressure Safety Valve	PRESSURE SAFETY VALVE	FIELD	80-20-V03-01-01-000-0044	PI	DI	0-100	DIGITAL	Open	Closed						1/2" NPT M	1/2" NPT M	YES	0-WAY		YES			80-20-V03-01-01-000-0043	80-20-V03-01-01-000-0044	INA	LOCAL	
PID-10183	Compressor Cooling Water Inlet Pressure Safety Valve	PRESSURE SAFETY VALVE	FIELD	80-20-V03-01-01-000-0045	PI	DI	0-100	DIGITAL	Open	Closed						1/2" NPT M	1/2" NPT M	YES	0-WAY		YES			80-20-V03-01-01-000-0043	80-20-V03-01-01-000-0045	INA	LOCAL	
PID-10184	Compressor Inletman After-Cooler Pressure Safety Valve	PRESSURE SAFETY VALVE	FIELD	80-20-V03-01-01-000-0046	PI	DI	0-100	DIGITAL	Open	Closed						1/2" NPT M	1/2" NPT M	YES	0-WAY		YES			80-20-V03-01-01-000-0043	80-20-V03-01-01-000-0046	INA	LOCAL	
PID-10185	Compressor Inletman After-Cooler Pressure Safety Valve	PRESSURE SAFETY VALVE	FIELD	80-20-V03-01-01-000-0047	PI	DI	0-100	DIGITAL	Open	Closed						1/2" NPT M	1/2" NPT M	YES	0-WAY		YES			80-20-V03-01-01-000-0043	80-20-V03-01-01-000-0047	INA	LOCAL	
PID-10186	Compressor Inletman After-Cooler Pressure Safety Valve	PRESSURE SAFETY VALVE	FIELD	80-20-V03-01-01-000-0048	PI	DI	0-100	DIGITAL	Open	Closed						1/2" NPT M	1/2" NPT M	YES	0-WAY		YES			80-20-V03-01-01-000-0043	80-20-V03-01-01-000-0048	INA	LOCAL	
PID-10187	Compressor Inletman After-Cooler Pressure Safety Valve	PRESSURE SAFETY VALVE	FIELD	80-20-V03-01-01-000-0049	PI	DI	0-100	DIGITAL	Open	Closed						1/2" NPT M	1/2" NPT M	YES	0-WAY		YES			80-20-V03-01-01-000-0043	80-20-V03-01-01-000-0049	INA	LOCAL	
PID-10188	Compressor Inletman After-Cooler Pressure Safety Valve	PRESSURE SAFETY VALVE	FIELD	80-20-V03-01-01-000-0050	PI	DI	0-100	DIGITAL	Open	Closed						1/2" NPT M	1/2" NPT M	YES	0-WAY		YES			80-20-V03-01-01-000-0043	80-20-V03-01-01-000-0050	INA	LOCAL	
PID-10189	Compressor Inletman After-Cooler Pressure Safety Valve	PRESSURE SAFETY VALVE	FIELD	80-20-V03-01-01-000-0051	PI	DI	0-100	DIGITAL	Open	Closed						1/2" NPT M	1/2" NPT M	YES	0-WAY		YES			80-20-V03-01-01-000-0043	80-20-V03			