










OWNER:  شرکت مست و سویی گستره ایرانیان (سهامی خاص)	BUSHEHR PETROCHEMICAL COMPANY MEG PLANT						EPC CONTRACTOR:  Chagalesh-Enerchimi-Steam Joint Venture BUPC-MEG PLANT PROJECT		
	P&ID FOR NITROGEN GAS BOOSTER								
MC :  شرکت مست و سویی گستره ایرانیان (سهامی خاص)	Project	Area	Phase	Unit	Dis.	Doc.	Seq.	Contract No : 52-98/445	
Owner Document Number: 17811-03A	BU	20	VD	303	PR	DWG	0013	Rev.:	Page
								03	1 of 4

P&ID FOR GAS BOOSTER

 شرکت پتروشیمی بوشهر	 Chagalesh-Enerchimi-Steam Joint Venture BUPC-MEG PLANT PROJECT	BUSHEHR PETROCHEMICAL COMPANY MEG PLANT
Document Review		
Issue Purpose:	AFC	
Result Code: AP,AN,CM,RE,NC	AN	
Next Status : IFC,IFA,IFI,AFC,AB	AFC	
Responsible Department	MECHANICAL	
Commented Date	2/26/2022	
Approval or review hereunder shall not be construed to relieve Vendor / Subcontractor of his responsibilities and liability under the contract.		

03	23/02/2022	Approved for Construction	KP	JR	PW	
02	04/11/2021	For approval	KP	JR	PW	
01	09/09/2021	For approval	KP	JR	PW	
Rev.	Date	Purpose of Issue	Prepared	Checked	Approved	AC Code
					Class: 1	Phase: P

OWNER:  شرکت ست و هوئی آوند ایزدینان (سهایی ناسی)	BUSHEHR PETROCHEMICAL COMPANY MEG PLANT						EPC CONTRACTOR: 		
	P&ID FOR NITROGEN GAS BOOSTER								
MC : 	Project	Area	Phase	Unit	Dis.	Doc.	Seq.	Contract No : 52-98/445	
Owner Document Number: 17811-03A	BU	20	VD	303	PR	DWG	0013	Rev.:	Page
								03	2 of 4

TABULATION OF REVISED PAGES

Page	D00	D01	D02	D03	D04
1.	X	X	X	X	
2.	X	X	X	X	
3.	X	X	X	X	
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Page	D00	D01	D02	D03	D04
35.					
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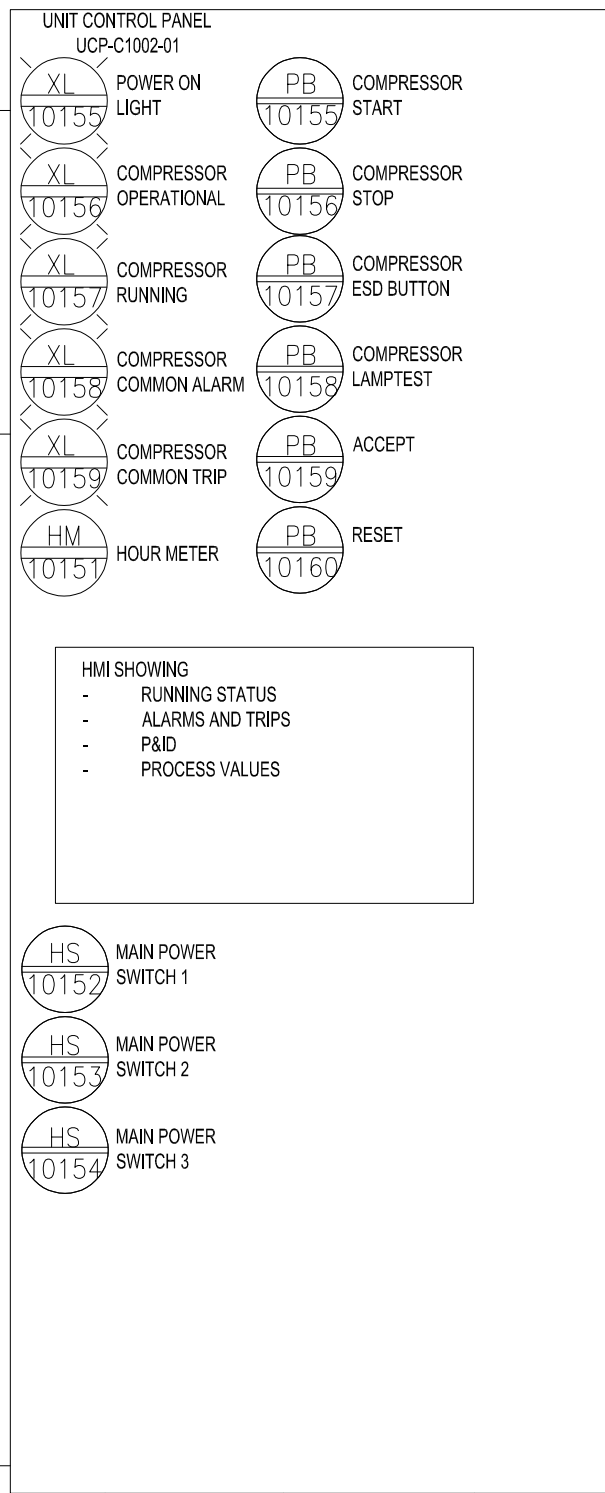
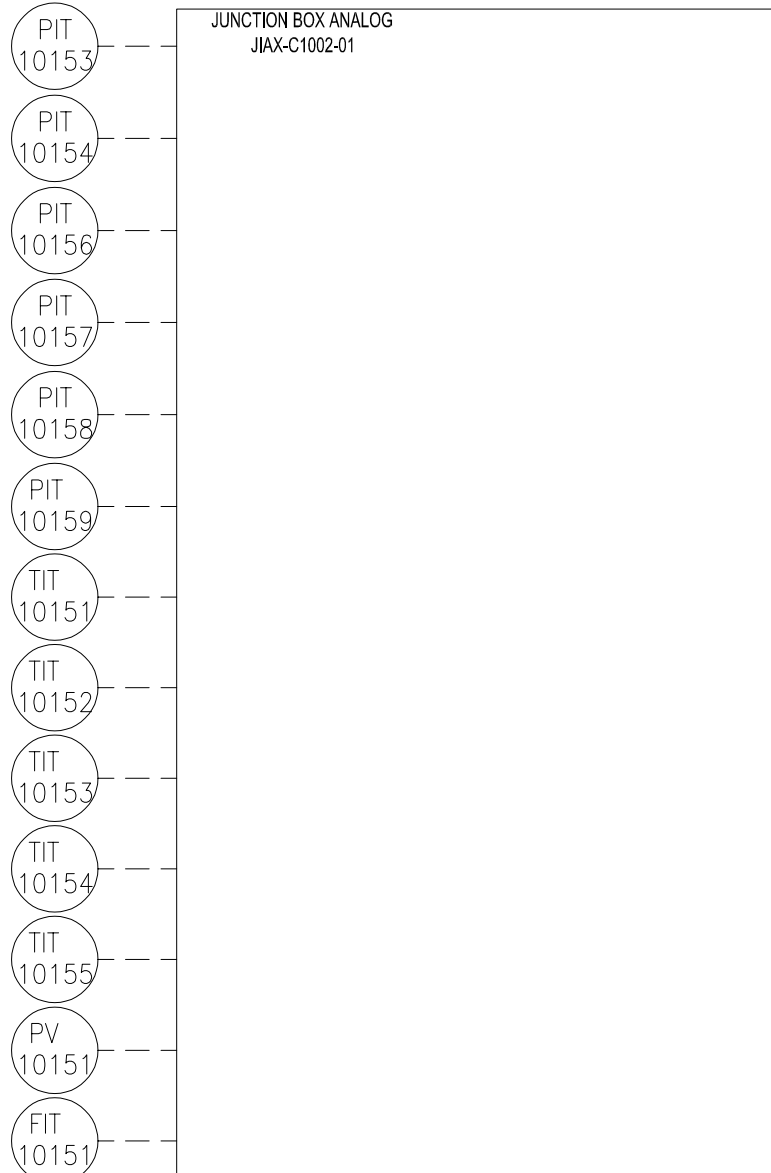
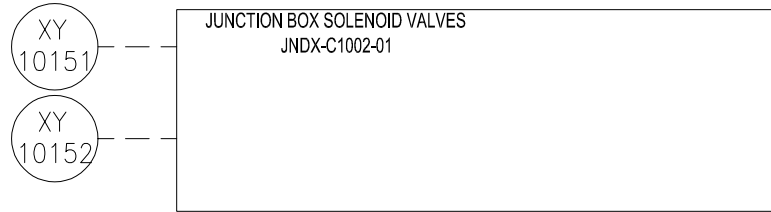
A

B

C

D

GENERAL NOTES



HMI SHOWING

- RUNNING STATUS
- ALARMS AND TRIPS
- P&ID
- PROCESS VALUES

REDUNDANT ETHERNET
MODBUS TCP/IP TO FCS

signals to / from ESD (HWC)

- HS-108-SD-1(Emergency Shutdown Command)
- XAL-108-2(Common Alarm)

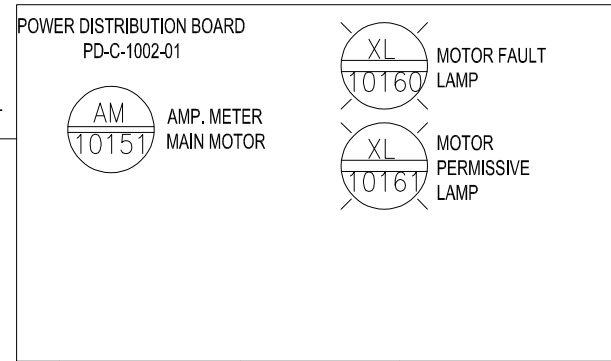
signals from FCS

- XCS-108(Time Synchronisation)

MULTICORE CABLE BY CLIENT

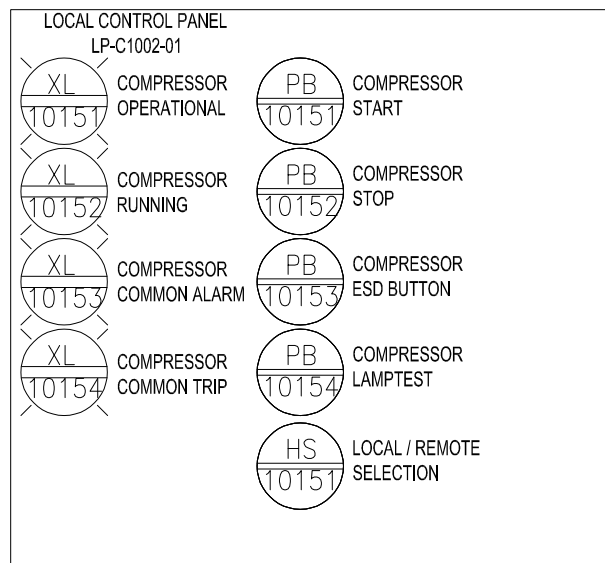
SIGNALS TO/FROM DB

- MOTOR RUNNING
- MOTOR FAULT
- MOTOR START / STOP
- HEATER ON/OFF
- HEATER FAULT
- HEATER ON



110 VAC, 1PH, 50HZ UPS POWER SUPPLY
110 VAC, 1PH, 50HZ UPS POWER SUPPLY
230VAC, 1PH, 50HZ POWER SUPPLY

400VAC, 3PH, 50HZ POWER SUPPLY
400VAC, 3PH, 50HZ TO MAIN MOTOR
230VAC, 1PH, 50HZ TO HEATER



REFERENCE DRAWINGS	DWG.No.
xxxxxxx	xxxxxxx

Approve For Construction

Modify the MC logo



PROJECT: BUSHEHR PETROCHEMICAL COMPANY
MEG PLANT

DRAWING TITLE:
17811-03 P&ID
NITROGEN COMPRESSOR

CONTRACT NO.	SCALE	SIZE	CLASS	PHASE					
52-98/445	XX	A3	1	P					
DOCUMENT NO.	PROJECT	AREA	PHASE	MRQ No.	DIS.	DOC.	SEQ.	SHEET	REV. NO.
								4 of 4	3
OWNER DOC. NO.:	BU-20-VD-303-PR-DWG-0013								

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