







OWNER:  شرکت سست و سویی توستر ایرانیان (سهامی خاص)	BUSHEHR PETROCHEMICAL COMPANY MEG PLANT						EPC CONTRACTOR:  Chagalesh-Enerchimi-Steam Joint Venture BUPC-MEG PLANT PROJECT		
	P&ID FOR EMERGENCY INSTRUMENT AIR COMPRESSOR								
MC :							 شرکت سست و سویی توستر ایرانیان (سهامی خاص)	Project	Area
Owner Document Number: 17811-03B	BU	20	VD	303	PR	DWG	0066	Rev.:	Page
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 شرکت سست و سویی توستر ایرانیان (سهامی خاص)	 Chagalesh-Enerchimi-Steam Joint Venture BUPC-MEG PLANT PROJECT	P&ID FOR EMERGENCY INSTRUMENT AIR COMPRESSOR BUSHEHR PETROCHEMICAL MEG PLANT
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Document Review

Issue Purpose:	AFC
Result Code: AP,AN,CM,RE,NC	AP
Next Status : IFC,IFA,IFI,AFC,AB	AB
Responsible Department	MECHANICAL
Commented Date	Feb/12/2022

Approval or review hereunder shall not be construed to relieve Vendor / Subcontractor of his responsibilities and liability under the contract.

05	31/01/2022	Approved for Construction	KP	KP	PW	
04	07/01/2022	Approved for Construction	KP	KP	PW	
03	10/12/2021	Approved for Construction	KP	KP	PW	
02	04/11/2021	For approval	KP	KP	PW	
01	11/06/2021	For approval	KP	KP	PW	
00	30/10/2020	For approval	KP	KP	PW	
Rev.	Date	Purpose of Issue	Prepared	Checked	Approved	AC Code
					Class: 1	Phase: DE

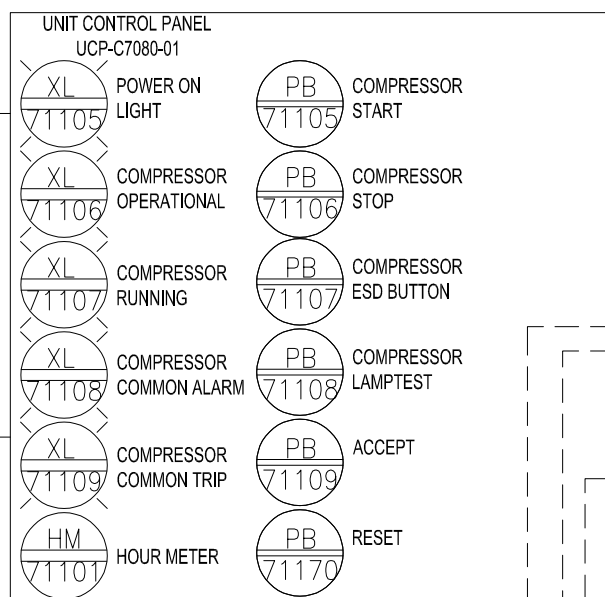
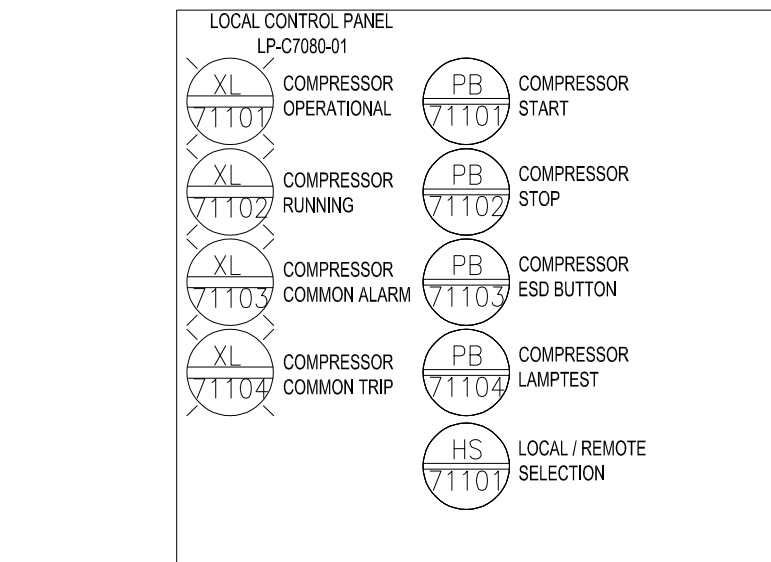
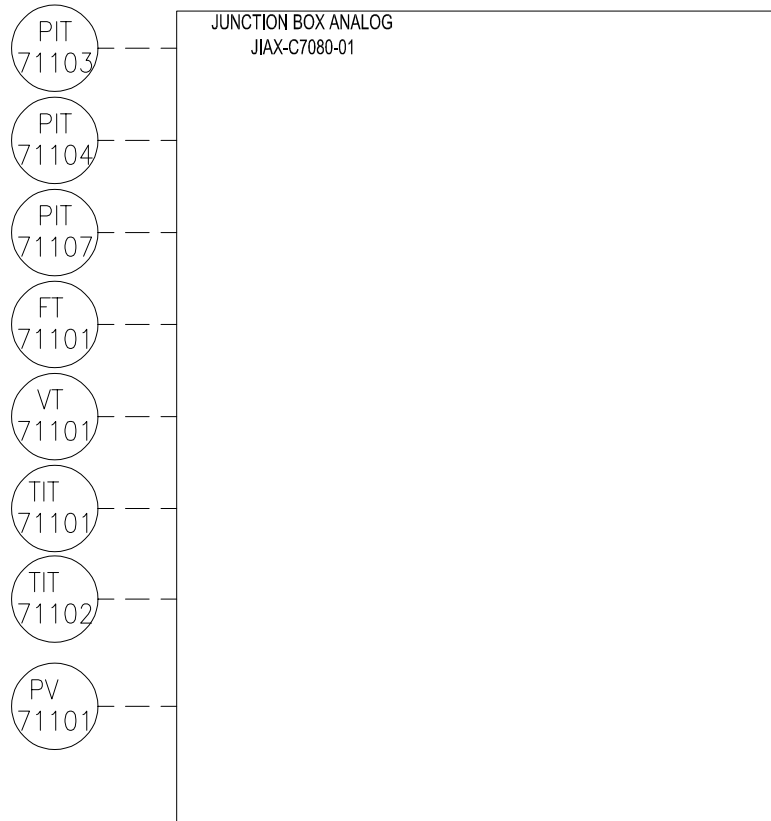
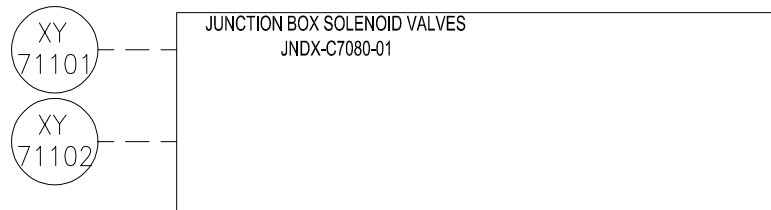
A

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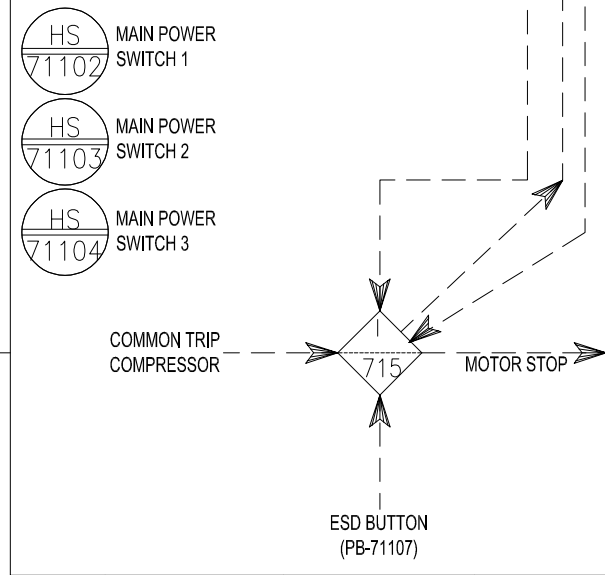
D

GENERAL NOTES



HMI SHOWING

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



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

REDUNDANT ETHERNET
MODBUS TCP/IP TO FCS

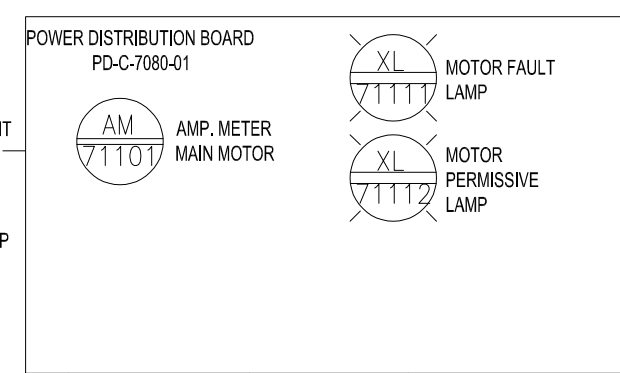
signals to / from ESD (HWC)
- HS-715-SD-1(Emergency Shutdown Command)
- XAL-715-2(Common Alarm)

signals to / from FCS
- XCS-715(Time Synchronisation)
- XS-715(Stop compressor)

MULTICORE CABLE BY CLIENT

SIGNALS TO/FROM DB

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



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

REFERENCE DRAWINGS	DWG.No.
xxxxxxx	xxxxxxx

REV.	DATE	PURPOSE OF ISSUE (P.O.I.)	PREP.	CHKD.	APPR.	AC.
05	31/01/21	Approved For construction	KP	CS	KP	JL
04	07/01/21	Approved For construction	KP	CS	KP	JL
03	09/12/21	For construction	KP	CS	KP	JL
02	04/12/20	For approval	KP	CS	KP	JL
01	04/12/20	For approval	KP	CS	KP	JL
00	20/10/20	For approval	KP	CS	KP	JL

OWNER:

MC:

CONTRACTOR:

PROJECT: BUSHEHR PETROCHEMICAL COMPANY
MEG PLANT

DRAWING TITLE:
17811-03 P&ID FOR
INSTRUMENT AIR COMPRESSOR

CONTRACT NO.	SCALE	SIZE	CLASS	PHASE					
S2-98/445	XX	A0	1	P					
DOCUMENT NO.	PROJECT	AREA	PHASE	MRQ No.	DIS.	DOC.	SEQ.	SHEET	REV. NO.
	BU	20	VD	303	PR	DWG	0066	2 OF 2	05

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