










OWNER 	BUSHEHR PETROCHEMICAL COMPANY MEG PLANT						EPC CONTRACTOR:  Chagalesh-Enerchimi-Steam Joint Venture BUPC-MEG PLANT PROJECT		
	Architecture diagram for reciprocating compressor								
MC :  شرکت سفت و سوی توسعه ایرانلیان							Project	Area	Phase
Owner Document Number: 17811-46	BU	20	VD	303	IN	DIG	0044	Rev.:	Page
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This document is checked only for compressor 7080. New document should be generated for compressor 1002.

## Architecture diagram for reciprocating compressor

 شرکت پتروشیمی اوشهر	 Chagalesh-Enerchimi-Steam Joint Venture BUPC-MEG PLANT PROJECT	BUSHEHR PETROCHEMICAL COMPANY MEG PLANT
<b>Document Review</b>		
Issue Purpose:	FA	
Result Code: AP,AN,CM,RE,NC	CM	
Next Status : IFC,IFA,IFI,AFC,AB	IFA	
Responsible Department	MECHANICAL	
Commented Date	May.05.2021	
<b>Approval or review hereunder shall not be construed to relieve Vendor / Subcontractor of his responsibilities and liability under the contract.</b>		

00	12/03/2021	For approval	TJ	KP	PW	
Rev.	Date	Purpose of Issue	Prepared	Checked	Approved	AC Code
						Class: 1 Phase: p

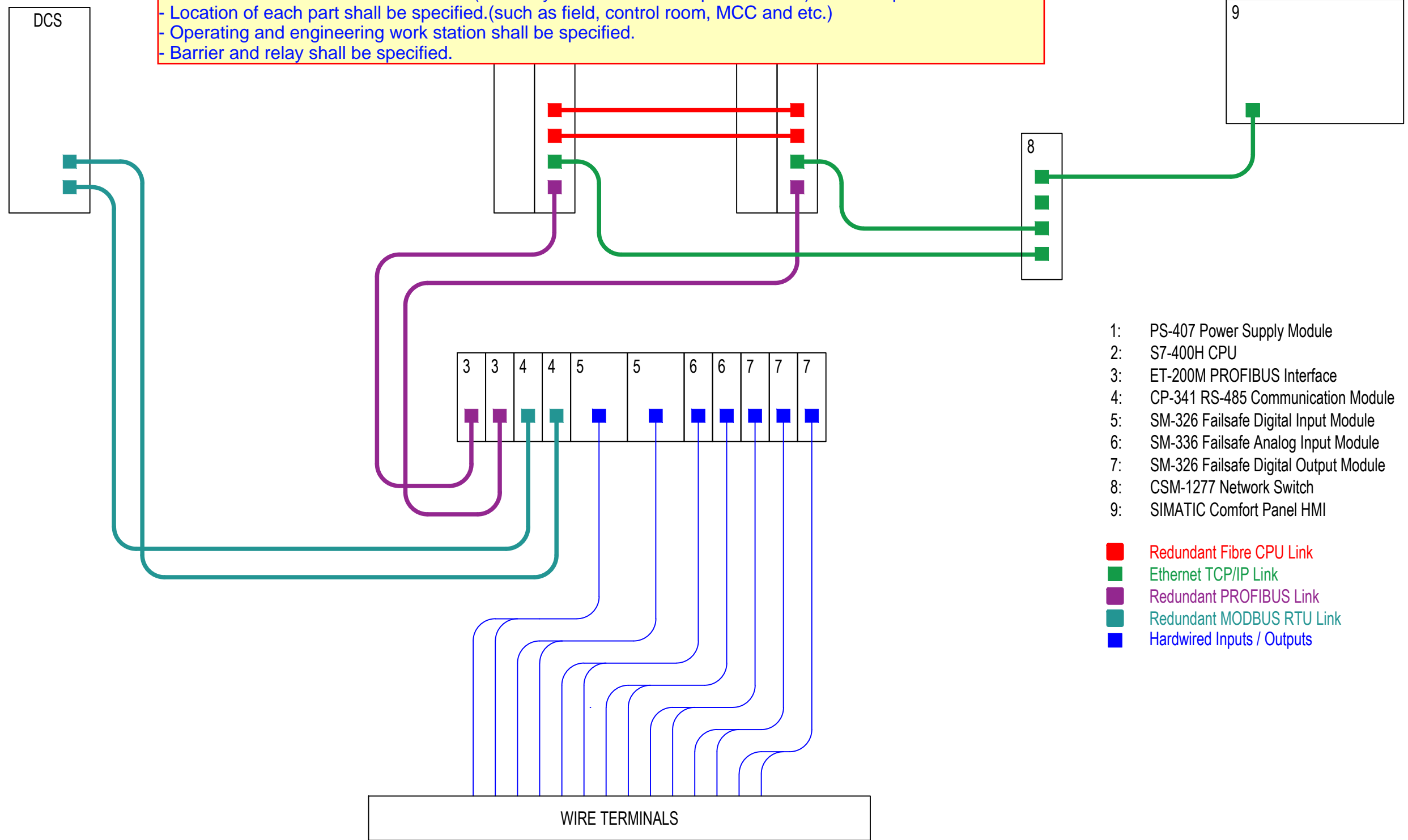
OWNER  شرکت پتروشیمی بوتهر	<b>BUSHEHR PETROCHEMICAL COMPANY MEG PLANT</b>							EPC CONTRACTOR: 	
	<b>Architecture diagram for reciprocating compressor</b>								
MC :  شرکت سفت و سوی توسعه ایرانیان	<b>Project</b>	<b>Area</b>	<b>Phase</b>	<b>Unit</b>	<b>Dis.</b>	<b>Doc.</b>	<b>Seq.</b>	<b>Contract No : 52-98/445</b>	
<b>Owner Document Number: 17811-46</b>	<b>BU</b>	<b>20</b>	<b>VD</b>	<b>303</b>	<b>IN</b>	<b>DIG</b>	<b>0044</b>	<b>Rev.:</b>	<b>Page</b>
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- This architecture is not clear and acceptable it shall be revised according to attached file.  
 - Connection between UCP and ESD, FCS, MCC and JB's shall be specified.  
 - All interconnection between this PKG (internally between different parts of PKG) shall be specified.  
 - Location of each part shall be specified.(such as field, control room, MCC and etc.)  
 - Operating and engineering work station shall be specified.  
 - Barrier and relay shall be specified.



- 1: PS-407 Power Supply Module
- 2: S7-400H CPU
- 3: ET-200M PROFIBUS Interface
- 4: CP-341 RS-485 Communication Module
- 5: SM-326 Failsafe Digital Input Module
- 6: SM-336 Failsafe Analog Input Module
- 7: SM-326 Failsafe Digital Output Module
- 8: CSM-1277 Network Switch
- 9: SIMATIC Comfort Panel HMI

- Redundant Fibre CPU Link
- Ethernet TCP/IP Link
- Redundant PROFIBUS Link
- Redundant MODBUS RTU Link
- Hardwired Inputs / Outputs

NOTES:

	SUBJECT	MEG PLANT NITROGEN COMPRESSOR PLC ARCHITECTURE DIAGRAM	DATE	11-03-2021	THIS DRAWING IS OWNED BY AIRPACK AND SHALL NOT BE PRINTED OR COPIED IN ANY OTHER WAY THAN WITH AIRPACKS PERMISSION
	CLIENT	BUSHEHER PETROCHEMICAL COMPANY (BUPC)	DRAWN BY	TJ	
	CLIENT REF	MEG20-PO-BP303-021	CHECKED BY	KP	
	AIRPACK REF	17811-COM	PLANT LOCATION	-	
			DRAWING NO.	17811-46	
			SHEETNO.	01 /01	
			REV 00	11-03-2021	TJ