










OWNER:  شرکت سست و سویی توهر ایرانیاان (سهامی خاص)	BUSHEHR PETROCHEMICAL COMPANY MEG PLANT						EPC CONTRACTOR:  Chagalesh-Enerchimi-Steam Joint Venture BUPC-MEG PLANT PROJECT		
	SINGLE LINE DIAGRAM FOR POWER DISTRIBUTION PANEL FOR NITGROGEN GAS BOOSTER						 Netherlands		
MC :  شرکت سست و سویی توهر ایرانیاان (سهامی خاص)	Project	Area	Phase	Unit	Dis.	Doc.	Seq.	Contract No : 52-98/445	
Owner Document Number: 17811-49A	BU	20	VD	303	EL	DIG	0049	Rev.:	Page
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SINGLE LINE DIAGRAM FOR POWER DISTRIBUTION PANEL FOR NITGROGEN GAS BOOSTER

 شرکت سست و سویی توهر ایرانیاان (سهامی خاص)	 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	AP	
Next Status : IFC,IFA,IFI,AFC,AB	AB	
Responsible Department	MECHANICAL	
Commented Date	Oct.25,2022	
Approval or review hereunder shall not be construed to relieve Vendor / Subcontractor of his responsibilities and liability under the contract.		

06	20/10/2022	Approved for Construction	MS	RB	KP	
05	14/09/2022	For approval	BK	RB	KP	
04	27/07/2022	For approval	BK	RB	KP	
03	28/06/2022	For approval	DH	RB	KP	
02	21/03/2022	For approval	AS	RB	KP	
01	10/01/2022	For approval	HT	RB	KP	
00	19/10/2021	For approval	HT	RB	KP	
Rev.	Date	Purpose of Issue	Prepared	Checked	Approved	AC Code
					Class: 1	Phase: P

OWNER:  شرکت سست و هوئی توسعه ایرانین (سامی گاس)	BUSHEHR PETROCHEMICAL COMPANY MEG PLANT						EPC CONTRACTOR: 		
	SINGLE LINE DIAGRAM FOR POWER DISTRIBUTION PANEL FOR NITGROGEN GAS BOOSTER								
MC :  شرکت سست و هوئی توسعه ایرانین (سامی گاس)	Project	Area	Phase	Unit	Dis.	Doc.	Seq.	Contract No : 52-98/445	
Owner Document Number: 17811-49A	BU	20	VD	303	EL	DIG	0049	Rev.:	Page
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LEGEND



Maintenance switch



Circuit Breaker 3P (MPCB)



Circuit Breaker 3P (MCCB)



Circuit Breaker 3P (MCB)



Contactor 3P



Main Motor



Oilheater

NOTES:



SUBJECT		BUSHEHR PETROCHEMICAL COMPANY MEG PLANT EMERGENCY INSTRUMENT AIR COMPRESSOR	
CLIENT	BUSHEHR PETROCHEMICAL COMPANY (BUPC)	PLANT LOCATION	IRAN
CLIENT REF	20-C-1002-M	DRAWING NO.	17811-49A
AIRPACK REF	17811	SHEETNO.	03 / 04

DATE	14-09-2022
DRAWN BY	HT
CHECKED BY	KP

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REV 06	20-10-2022	MS
REV 05	14-09-2022	BK
REV 04	25-07-2022	BK
REV 03	08-06-2022	DH
REV 02	18-03-2022	AS
REV 01	10-01-2022	HT
REV 00	09-10-2021	HT

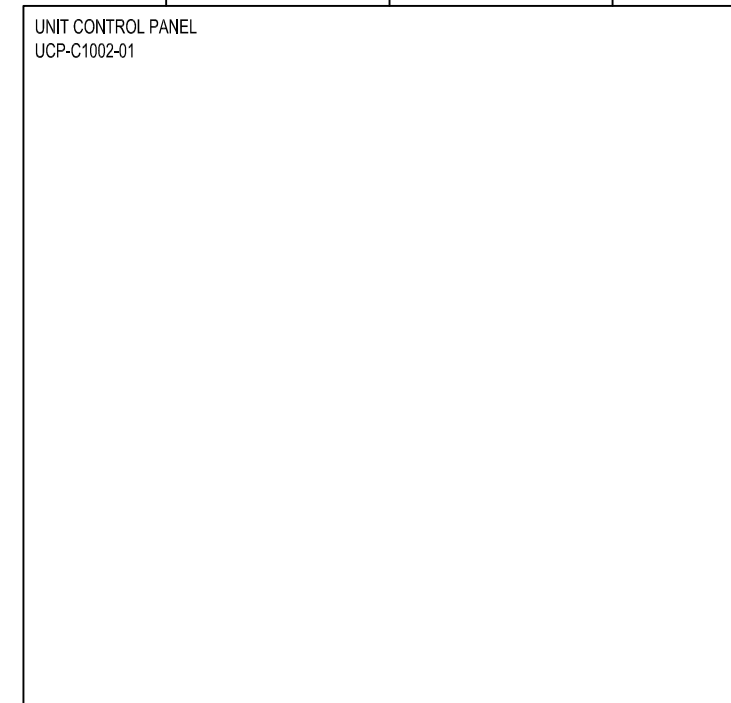
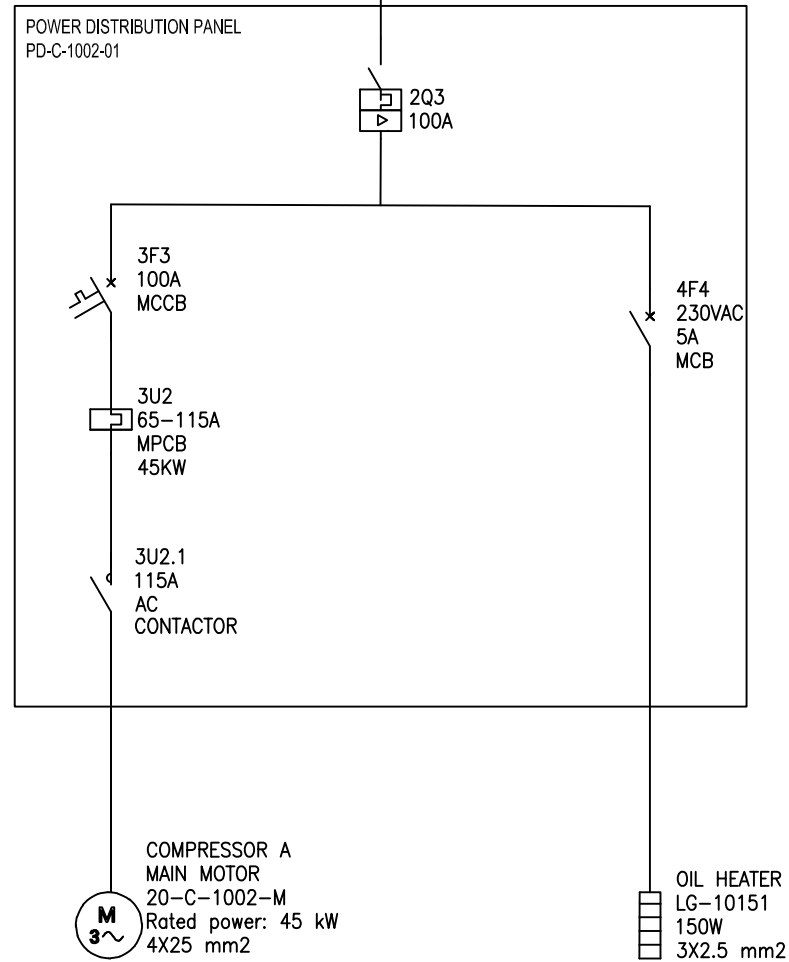
SINGLE LINE DIAGRAM

From: 20-MS-SWB3B-01
 Cable no: EBP-20-C-1002-M
 Cable Type and Size: CU/XLPE/SWA/PVC3.5*150mm2
 Gland: EX-IP65 E/M63

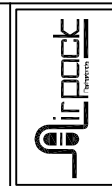
UPS-1
 POWER SUPPLY
 110VAC 50 HZ
 3X2.5 mm2

UPS-2
 POWER SUPPLY
 110VAC 50 HZ
 3X2.5 mm2

NON-UPS
 POWER SUPPLY
 230VAC 50 HZ
 3X2.5 mm2



NOTES:



SUBJECT		BUSHEHR PETROCHEMICAL COMPANY MEG PLANT EMERGENCY INSTRUMENT AIR COMPRESSOR	
CLIENT	BUSHEHR PETROCHEMICAL COMPANY (BUPC)	PLANT LOCATION	IRAN
CLIENT REF	20-C-1002-M	DRAWING NO.	17811-49A
AIRPACK REF	17811	SHEETNO.	04/04

DATE	14-09-2022
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REV 01	10-01-2022	HT
REV 00	09-10-2021	HT