







OWNER:  شرکت سست و سویی توهم ایرانیان (سایه و شایه)	BUSHEHR PETROCHEMICAL COMPANY MEG PLANT						EPC CONTRACTOR:  Chagalesh-Enrechimi-Steam Joint Venture BUPC-MEG PLANT PROJECT		
	<b>ELECTRICAL LOAD LIST FOR EMERGENCY INSTRUMENT AIR COMPRESSOR</b>								
MC :  شرکت سست و سویی توهم ایرانیان (سایه و شایه)	Project	Area	Phase	Unit	Dis.	Doc.	Seq.	Contract No : 52-98/445	
Owner Document Number: 17811-65B	BU	20	VD	303	EL	LST	0096	Rev.:	Page
								00	1 of 3

We required your UCP panel heat dissipation to calculate HVAC capacity for control room, so as per attached sample file heat dissipation shall be specified by AIRPACK in this document.

Oil heater power consumption shall be specified

**- For electrical equipment please modify document as per attached file.**

## ELECTRICAL LOAD LIST FOR EMERGENCY INSTRUMENT AIR COMPRESSOR

 شرکت سست و سویی توهم ایرانیان (سایه و شایه)	 Chagalesh-Enrechimi-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	Sep.22.2021	
<b>Approval or review hereunder shall not be construed to relieve Vendor / Subcontractor of his responsibilities and liability under the contract.</b>		

00	13/09/2021	For approval	KP	PW	JR	
Rev.	Date	Purpose of Issue	Prepared	Checked	Approved	AC Code
					Class: 1	Phase: P





# Electrical Load List



**Project : BUSHEHR PETROCHEMICAL COMPANY  
MEG PLANT**

VENDOR NAME.	Airpack Netherlands BV
ITEM NAME.	Instrument Air Compressor Package
REV. NO.	00
DATE.	13-9-2021

## ELECTRICAL LOAD LIST

NO.	Tag No.	Description	Electrical data		Remarks
			Absorbed Power kW	Rated power kW	
<b>A : Voltage (400VAC / 3ph / 50Hz)</b>					
1	20-C-7080-M	Main Motor	11	15	
2					
3					
4					
5					
<b>B : Control voltage (110VAC / 1ph / 50Hz - UPS)</b>					
1	UCP-C7080-01	Unit control panel main power	0,5	1	Redundant
2	UCP-C7080-01	Unit control panel main power	0,5	1	Redundant
3	UCP-C7080-01				
4					
5					
<b>C : Control voltage (230VAC / 1ph / 50Hz - NON-UPS)</b>					
1	UCP-C7080-01	Unit control panel aux. power	0,25	0,5	
2					
3					
4					
5					
<b>C : Control voltage (230VAC / 1ph / 50Hz - NON-UPS)</b>					
1	PD-C-7080-01	Power distribution	12,5	17	including motor and panel and heater
2					
3					
4					
5					

We assumed that OWS power supply will be provided by UCP panel please confirm.

Following notes shall be added and mentioned in row B1,B2 and C1

- Totally, Two UPS 110VAC feeders (as redundant) and one Non-UPS 230VAC feeder for UCP-C7080-01 will be provided by Owner.
- Power distribution for panels, work stations and all related accessories completed by UCP.
- Power cable from UCP to OWS will be supplied by AIRPACK.(50m to be considered)