






OWNER:  شرکت سست و سویی توهم ایران (سهامی عامه) SSTI	<b>BUSHEHR PETROCHEMICAL COMPANY MEG PLANT</b>						EPC CONTRACTOR:  Chagalesh-Enerchimi-Steam Joint Venture BUPC-MEG PLANT PROJECT		
	<b>ELECTRICAL LOAD LIST FOR EMERGENCY INSTRUMENT AIR COMPRESSOR</b>						 Netherlands		
MC :   شرکت سست و سویی توهم ایران (سهامی عامه) SSTI	Project	Area	Phase	Unit	Dis.	Doc.	Seq.	Contract No : 52-98/445	
Owner Document Number: <b>17811-65B</b>	BU	20	VD	303	EL	LST	0096	Rev.:	Page
								01	1 of 3

## ELECTRICAL LOAD LIST FOR EMERGENCY INSTRUMENT AIR COMPRESSOR

01	24/09/2021	For approval			KP	PW	JR		
00	13/09/2021	For approval			KP	PW	JR		
<b>Rev.</b>	<b>Date</b>	<b>Purpose of Issue</b>			<b>Prepared</b>	<b>Checked</b>	<b>Approved</b>	<b>AC Code</b>	
								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.		01	
																	DATE.		24/09/2021					
ELECTRICAL LOAD LIST																								
Description	Tag No.	Rated Power	Brake power	speed	voltage	Voltage Variation	Phases	Frequency	Power factor	Efficiency	Protection class	Ex- protection	Duty operation	System	Power factor at starting	Datasheet	Gland	Rev.						
Main Compressor motor	20-C-7080-M	15 kW	11 kW	1475	400 VAC	-5% / + 5%	3ph	50Hz	0.81 FL	93.9% FL	IP55	Exdb IIA/B T4	S1	Air compressors	0.20%	VD-303-EL-DSH-0099	TBC	01						
Oil heater	20-C-7080-EC	75W	N/A	N/A	230 VAC	-5% / + 5%	1ph	50Hz	N/A	N/A	IP55	Exde IIC T3	Standby	Oil system	N/A	N/A	TBC	01						
Unit Control Panel	UCP-C-7080-01	1kW	N/A	N/A	110 VAC	-5% / + 5%	1ph	50Hz	N/A	N/A	IP42	N/A	Normal / standby	Electrical equipment	N/A	N/A	N/A	01						
Unit Control Panel	UCP-C-7080-01	1kW	N/A	N/A	110 VAC	-10% / + 10%	1ph	50Hz	N/A	N/A	IP42	N/A	Normal / standby	Electrical equipment	N/A	N/A	N/A	01						
Unit Control Panel	UCP-C-7080-01	500W	N/A	N/A	230 VAC	-10% / + 10%	1ph	50Hz	N/A	N/A	IP42	N/A	Normal / standby	Electrical equipment	N/A	N/A	N/A	01						
Power Distribution board	PD-C-7080-01	50 kW	N/A	N/A	400 VAC	-5% / + 5%	1ph	50Hz	N/A	N/A	IP55	N/A	S1	Electrical equipment	N/A	N/A	N/A	01						
Workstation	N/A	500W	N/A	N/A	110 VAC	-10% / + 10%	1ph	50Hz	N/A	N/A	NA	N/A	Normal	Electrical equipment	N/A	N/A	N/A	01						

Notes:

- One 110 VAC feeder for Workstation to be provided by Owner.
- Totally, Two UPS 110VAC feeders (as redundant) and one Non-UPS 230VAC feeder for UCP-C1002-01 will be provided by Owner.
- Power cable from UCP to OWS will be supplied by client (only 50m ethernet cable in Airpack scope).