

OWNER:



**BUSHEHR PETROCHEMICAL COMPANY  
MEG PLANT**

EPC CONTRACTOR:



MC :



**ELECTRICAL LOAD LIST FOR NITROGEN  
GAS BOOSTER**



Owner Document Number: 17811-65A	Project	Area	Phase	Unit	Dis.	Doc.	Seq.	Contract No : 52-98/445	
	BU	20	VD	303	EL	LST	0048	Rev.:	Page
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**ELECTRICAL LOAD LIST FOR NITROGEN GAS  
BOOSTER**

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



Chagalesh-Enerchimi-Steam  
Joint Venture  
BUPC-MEG PLANT PROJECT



**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-1002-M	Main Motor	35	45	
2					
3					
4					
5					
<b>B : Control voltage (110VAC / 1ph / 50Hz - UPS)</b>					
1	UCP-C1002-01	Unit control panel main power	0,5	1	Redundant
2	UCP-C1002-01	Unit control panel main power	0,5	1	Redundant
3					
4					
5					
<b>C : Control voltage (230VAC / 1ph / 50Hz - NON-UPS)</b>					
1	UCP-C1002-01	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-1002-01	Power distribution	37	47	including motor and panel and heater
2					
3					
4					
5					