

OWNER:



شرکت سست و سویی گیس ایران (سایزینگ)

**BUSHEHR PETROCHEMICAL COMPANY
MEG PLANT**

EPC CONTRACTOR:



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

MC :




شرکت سست و سویی گیس ایران (سایزینگ)

**ELECTRICAL LOAD LIST FOR NITROGEN
GAS BOOSTER**



Owner Document Number:
17811-65A

Project	Area	Phase	Unit	Dis.	Doc.	Seq.
BU	20	VD	303	EL	LST	0048




Contract No : 52-98/445	
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.

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

Oil heater power consumption shall be specified

**ELECTRICAL LOAD LIST FOR NITROGEN GAS
BOOSTER**

   <p>Chagalesh-Enerchimi-Steam Joint Venture BUPC-MEG PLANT PROJECT</p>	BUSHEHR PETROCHEMICAL COMPANY MEG PLANT
Document Review	
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
Approval or review hereunder shall not be construed to relieve Vendor / Subcontractor of his responsibilities and liability under the contract.	

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

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		ks
			Absorbed Power kW	Rated power kW	
A : Voltage (400VAC / 3ph / 50Hz)					
1	20-C-1002-M	Main Motor	35	45	
2					
3					
4					
5					
B : Control voltage (110VAC / 1ph / 50Hz - UPS)					
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					
C : Control voltage (230VAC / 1ph / 50Hz - NON-UPS)					
1	UCP-C1002-01	Unit control panel aux. power	0,25	0,5	
2					
3					
4					
5					
C : Control voltage (230VAC / 1ph / 50Hz - NON-UPS)					
1	PD-C-1002-01	Power distribution	37	47	including motor and panel and heater
2					
3					
4					
5					

According to clause M29 of TCL this shall be 55 kw.

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-C1002-01 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)