







OWNER:  شرکت سست و سویی گیس ایران (سهامی خاص)	BUSHEHR PETROCHEMICAL COMPANY MEG PLANT						EPC CONTRACTOR:  Chagalesh-Enerchimi-Steam Joint Venture BUPC-MEG PLANT PROJECT		
	UTILITY CONSUMPTION LIST FOR EMERGENCY INSTRUMENT AIR COMPRESSOR								
MC :  شرکت سست و سویی گیس ایران (سهامی خاص)	Project	Area	Phase	Unit	Dis.	Doc.	Seq.	Contract No : 52-98/445	
Owner Document Number: 17811-09B	BU	20	VD	303	PR	LST	0067	Rev.:	Page
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UTILITY CONSUMPTION LIST FOR EMERGENCY INSTRUMENT AIR COMPRESSOR

 شرکت سست و سویی گیس ایران (سهامی خاص)	 Chagalesh-Enerchimi-Steam Joint Venture BUPC-MEG PLANT PROJECT	BUSHEHR PETROCHEMICAL COMPANY MEG PLANT
Document Review		
Issue Purpose:	IFA	
Result Code: AP,AN,CM,RE,NC	CM	
Next Status : IFC,IFA,IFI,AFC,AB	IFA	
Responsible Department	MECHANICAL	
Commented Date	Jun /21/2022	
Approval or review hereunder shall not be construed to relieve Vendor / Subcontractor of his responsibilities and liability under the contract.		

01	01/06/2022	For approval	DH	KP	JR	
00	04/05/2022	For approval	DH	KP	JR	
Rev.	Date	Purpose of Issue	Prepared	Checked	Approved	AC Code
					Class: 1	Phase: P



1. Please be noted that the purpose of the utility consumption document is reporting the utilities which consume in a unit. so, for example, instrument air consumption of valve must be reported.

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Projec

VENDOR NAME.	Airpack Nederland BV
ITEM NAME.	Instrument Air Compressor Package
REV. NO.	01
DATE.	01/06/2022

UTILITY CONSUMPTION

NO.	Tag No.	Description	Rate m3/h	Duty		Remarks
				Continuous	Intermittent	
A : Air						
1	20-C-7080	Emergency instrument air compressor	173 m3/h	x		Rated 173 Nm3/hr / Required 43 Nm3/hr inlet : 7 / 8 / 8,5 bar(a) / 10 - 45°C outlet : 21 bar(a) / 40°C max.
2						
3						
4						
5						
B : Water						
1	20-C-7080	Emergency instrument air compressor cooling water	2,5 m3/h	x		inlet : 4,5 bar(g) / 35°C outlet : 1,5 bar(g) / 45°C
2						
3						
4						
5						

Air consumption for control valve, on-off valve and solenoid valve shall be specified.



Utility Consumption List



Project :	Bushehr MEG Plant Project	VENDOR NAME.	Airpack Nederland BV
		ITEM NAME.	Instrument Air Compressor Package
		REV. NO.	01

ELECTRICAL LOAD LIST					
NO.	Tag No.	Description	Electrical data		Remarks
			Absorbed Power kW	Rated power kW	
A : Voltage (400V / 50Hz / 3 ph)					
1	20-C-7080-M	Main motor	12	15	
B : Voltage (230V / 50Hz / 1 ph)					
1	NA	Heater	0,15	0,15	
2	UCP-C7080-01		0,05	0,15	
C : UPS(110V / 50Hz / 1 ph)					
1	UCP-C7080-01	UCP	0,2	0,24	
2	UCP-C7080-01	UCP	0,2	0,24	

- Please specify workstations power consumption.
- Number of required UPS and non-UPS feeders shall be specified as a note.
- UPS and non-UPS power consumption shall be reviewed and consumption detail shall be submitted.

EL:
 Vendor shall add additional information in accordance with attached file.
 A sample file has been attached into this file.
 Moreover, other electrical loads shall be added to the above table.