







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		
MC :  شرکت سست و سویی گیس ایران (سهامی خاص)	UTILITY CONSUMPTION LIST FOR NITROGEN GAS BOOSTER								
Owner Document Number: 17811-09A							Project	Area	Phase
	BU	20	VD	303	PR	LST	0014	Rev.: 00	Page 1 of 4

## UTILITY CONSUMPTION LIST FOR NITROGEN GAS BOOSTER

 شرکت سست و سویی گیس ایران (سهامی خاص)	 Chagalesh-Enerchimi-Steam Joint Venture BUPC-MEG PLANT PROJECT	BUSHEHR PETROCHEMICAL COMPANY MEG PLANT
<b>Document Review</b>		
Issue Purpose:	IFA	
Result Code: AP,AN,CM,RE,NC	CM	
Next Status : IFC,IFA,IFI,AFC,AB	IFA	
Responsible Department	MECHANICAL	
Commented Date	5/15/2022	
<b>Approval or review hereunder shall not be construed to relieve Vendor / Subcontractor of his responsibilities and liability under the contract.</b>		

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





1. Utility conditions, operating pressure and temperature, must be reported.

# Consumption List



Project :

VENDOR NAME.	Airpack Nederland BV
ITEM NAME.	Instrument Air Compressor Package
REV. NO.	00
DATE.	04/05/2022

## UTILITY CONSUMPTION

NO.	Tag No.	Description	Rate m3/h	Duty		Remarks
				Continuous	Intermittent	
<b>A : Air</b>						
1	20-C-1002	Nitrogen gas compressor	565 m3/h	X		
2						
3						
4						
5						
<b>B : Water</b>						
1	20-C-1002	Nitrogen gas compressor cooling water	15 m3/hr	X		
2						
3						
4						
5						

2. Utility consumption of nitrogen gas compressor to be reported.

Please check it with compressor data sheet.

3. Please clarify how the rate of instrument air consumption has been calculated.

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-1002-M	Main motor	35	45	
2		Electrical heater			
3					
4					
5					

To be correct

UPS consumption shall be added