







OWNER:  شرکت سست و سوزی آوند ابراهان (سای ناس)	BUSHEHR PETROCHEMICAL COMPANY MEG PLANT						EPC CONTRACTOR:  Chagalesh-Enerchimi-Steam Joint Venture BUPC-MEG PLANT PROJECT		
	MC :  شرکت سست و سوزی آوند ابراهان (سای ناس)	UTILITY CONSUMPTION LIST FOR EMERGENCY INSTRUMENT AIR COMPRESSOR							
Owner Document Number: 17811-09B		Project	Area	Phase	Unit	Dis.	Doc.	Seq.	Contract No : 52-98/445
	BU	20	VD	303	PR	LST	0067	Rev.: 02	Page 1 of 3

UTILITY CONSUMPTION LIST FOR EMERGENCY INSTRUMENT AIR COMPRESSOR

 شرکت سست و سوزی آوند ابراهان (سای ناس)	 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	AN	
Next Status : IFC,IFA,IFI,AFC,AB	AFC	
Responsible Department	MECHANICAL	
Commented Date	7/27/2022	
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
02	14/07/2022	For approval	KP	CL	JR	
01	01/06/2022	For approval	DH	KP	JR	
00	04/05/2022	For approval	DH	KP	JR	
Class: 1	Phase: P					



Utility Consumption List



1. Please be noted that the instrument air which is compressed by the compressor is not counted as utility. This row must be deleted.

Please insert a column and show the AIR or NITROGEN consumption.

MEG Plant Project

REV. NO. 02
DATE. 14/07/2022

and BV
Compressor Package

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	XY-71101	load/unload solenoid valve	0,5 m3/hr		X	
3	PV-71101	recycle valve	0,7 m3/hr		X	
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						

With reference to vendor PID, AIRPACK stated that required air will be supplied from inside of package and there is no need to supply separate line for instrument air or nitrogen at the battery limit of package. Please confirm.