







OWNER:  شرکت ست و سوتی آید ایرانیا (سهامی خاص)	BUSHEHR PETROCHEMICAL COMPANY MEG PLANT						EPC CONTRACTOR:  Chagalesh-Enerchimi-Steam Joint Venture BUPC-MEG PLANT PROJECT		
MC :  شرکت ست و سوتی آید ایرانیا (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.: 02	Page 1 of 3

UTILITY CONSUMPTION LIST FOR NITROGEN GAS BOOSTER

 شرکت ست و سوتی آید ایرانیا (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	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					



2. Considering this fact that the control valve and the solenoid valve consume instrument air the title must change to "Instrument Air". Please specify, is the instrument air at the battery limit of package required or not?

Consumption List



Project

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

hd BV
Impressor Package

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

UTILITY CONSUMPTION

NO.	Tag No.	Description	Rate m3/h	Duty		Remarks
				Continuous	Intermittent	
A : Nitrogen						
1	20-C-1002	Utility consumption of nitrogen gas compressor	565 m3/h	X		inlet : 7 / 8 / 9 bar(a) / 5 - 52°C outlet : 23,5 bar(a) / 52°C max.
2	XY-10151	load / unload solenoid valve	1 m3/hr		X	
3	PV-10151	Recycling valve	1.5 m3/hr		X	
4						
5						
B : Water						
1	20-C-1002	Nitrogen gas compressor cooling water	15 m3/hr	X		inlet : 4,5 bar(g) / 35°C
2						
3						
4						
5						

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

With reference to vendor PID, AIRPACK stated that required nitrogen 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.