





OWNER:  شرکت سست و سویی گیس ایرانیاں (سای ناس)	BUSHEHR PETROCHEMICAL COMPANY MEG PLANT						EPC CONTRACTOR:  Chagalesh-Enerchimi-Steam Joint Venture BUPC-MEG PLANT PROJECT		
MC :  شرکت سست و سویی گیس ایرانیاں (سای ناس)	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

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		
Rev.	Date	Purpose of Issue	Prepared	Checked	Approved	AC Code	
						Class: 1	Phase: P



Utility Consumption List



Project : Bushehr MEG Plant Project

VENDOR NAME.	Airpack Nederland BV
ITEM NAME.	Instrument Air Compressor 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 outlet : 1,5 bar(g) / 45°C
2						
3						
4						
5						