





OWNER:  شرکت سست و سویی گیس ایران (سهایی گیس)	BUSHEHR PETROCHEMICAL COMPANY MEG PLANT						EPC CONTRACTOR:  Chagalesh-Enerchimi-Steam Joint Venture BUPC-MEG PLANT PROJECT		
	MC :  شرکت سست و سویی گیس ایران (سهایی گیس)	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.: 01	Page 1 of 4

UTILITY CONSUMPTION LIST FOR EMERGENCY INSTRUMENT AIR COMPRESSOR

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.	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						



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	