








OWNER:  شرکت سست و سویی توهم ایرانیان (سایه شایگان)	BUSHEHR PETROCHEMICAL COMPANY MEG PLANT						EPC CONTRACTOR:  Chagalesh-Enerchimi-Steam Joint Venture BUPC-MEG PLANT PROJECT		
	PIPING LINE LIST							 Contract No : 52-98/445	
MC :   شرکت سست و سویی توهم ایرانیان (سایه شایگان)	Project	Area	Phase	Unit	Dis.	Doc.	Seq.	Rev.:	Page
Owner Document Number: 17811-77	BU	20	VD	303	PR	LST	0065	00	1 of 3

PIPING LINE LIST

 شرکت سست و سویی توهم ایرانیان (سایه شایگان)	 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	CM	
Next Status : IFC,IFA,IFI,AFC,AB	IFA	
Responsible Department	MECHANICAL	
Commented Date	Sep.29,2021	
Approval or review hereunder shall not be construed to relieve Vendor / Subcontractor of his responsibilities and liability under the contract.		

00	13/09/2021	For approval	KP	PW	JR	
Rev.	Date	Purpose of Issue	Prepared	Checked	Approved	AC Code
					Class: 1	Phase: P

Piping Line List

Line no.	Line description	P&ID Number	Line size	Schedule	Ende	Pipe material	Flange	Flange Material	Operating press.	Design press.	Operating temp.	temp.	Insulation	Tie in Point	Type of insulation
2"-NL-1001-501C(N)	Nitrogen Compressor inlet	17811-03B	2"	STD	BE	A106 GR.B, SMLS	WN 150# RF	A105N, ASME	7 / 8 / 9 bar(a)	13,5 bar(a)	5 to 55°C	0 to 80°C	Not Insulated	TP-1	
2"-NL-1002-501C(N)	Interstage	17811-03B	2"	STD	BE	A106 GR.B, SMLS	WN 300# RF	A105N, ASME	14,5 bar(a)	16 bar(g)	134° C	170°C	Not Insulated		
2"-NL-1003-501C(N)	Nitrogen Compressor outlet	17811-03B	2"	STD	BE	A106 GR.B, SMLS	WN 300# RF	A105N, ASME	23,5 bar(g)	25 bar(g)	64°C	0 to 80°C	Not Insulated	TP-2	
2"-CWS-1004-501C(N)	main cooling water supply	17811-03B	1 1/2"	STD	BE	A106 GR.B, SMLS	WN 150# RF	A105N, ASME	4,5 bar(g)	10 bar(g)	35°C	0 to 80°C	Not Insulated	TP-3	
1 1/2"-CWS-1005-501C(N)	after cooler cws	17811-03B	1 1/2"	STD	BE	A106 GR.B, SMLS	WN 150# RF	A105N, ASME	4,5 bar(g)	10 bar(g)	35°C	0 to 80°C	Not Insulated		
1 1/2"-CWS-1006-501C(N)	inter cooler cws	17811-03B	1 1/2"	STD	BE	A106 GR.B, SMLS	WN 150# RF	A105N, ASME	4,5 bar(g)	10 bar(g)	35°C	0 to 80°C	Not Insulated		
3/4"-CWS-1007-501C(N)	compressor cylinder cws	17811-03B	3/4"	STD	BE	A106 GR.B, SMLS	WN 150# RF	A105N, ASME	4,5 bar(g)	10 bar(g)	35°C	0 to 80°C	Not Insulated		
3/4"-CWR-1008-501C(N)	compressor cylinder cwr	17811-03B	3/4"	STD	BE	A106 GR.B, SMLS	WN 150# RF	A105N, ASME	2,5 bar(g)	10 bar(g)	45°C	0 to 80°C	Not Insulated		
1 1/2"-CWR-1009-501C(N)	inter cooler cwr	17811-03B	1 1/2"	STD	BE	A106 GR.B, SMLS	WN 150# RF	A105N, ASME	2,5 bar(g)	10 bar(g)	45°C	0 to 80°C	Not Insulated		
1 1/2"-CWR-1010-501C(N)	inter cooler cwr	17811-03B	1 1/2"	STD	BE	A106 GR.B, SMLS	WN 150# RF	A105N, ASME	2,5 bar(g)	10 bar(g)	45°C	0 to 80°C	Not Insulated		
2"-CWR-1011-501C(N)	cooling water return	17811-03B	1 1/2"	STD	BE	A106 GR.B, SMLS	WN 150# RF	A105N, ASME	2,5 bar(g)	10 bar(g)	45°C	0 to 80°C	Not Insulated	TP-4	
2"-INA-7001-501C(N)	Compressor inlet	17811-03A	2"	STD	BE	A106 GR.B, SMLS	WN 150# RF	A105N, ASME	7 / 8 / 8,5 bar(a)	13,5 bar(a)	10 to 45°C	0 to 80°C	Not Insulated	TP-1	
2"-INA-7002-501C(N)	instrument air Compressor outlet	17811-03A	2"	STD	BE	A106 GR.B, SMLS	WN 300# RF	A105N, ASME	21bar(g)	25 bar(g)	64°C	0 to 80°C	Not Insulated	TP-2	
1 1/2"-CWS-7003-501C(N)	main cooling water supply	17811-03B	1 1/2"	STD	BE	A106 GR.B, SMLS	WN 150# RF	A105N, ASME	4,5 bar(g)	10 bar(g)	35°C	0 to 80°C	Not Insulated	TP-3	
1 1/2"-CWS-7004-501C(N)	after cooler cws	17811-03B	1 1/2"	STD	BE	A106 GR.B, SMLS	WN 150# RF	A105N, ASME	4,5 bar(g)	10 bar(g)	35°C	0 to 80°C	Not Insulated		
1 1/2"-CWS-7005-501C(N)	compressor cylinder cws	17811-03B	1 1/2"	STD	BE	A106 GR.B, SMLS	WN 150# RF	A105N, ASME	4,5 bar(g)	10 bar(g)	35°C	0 to 80°C	Not Insulated		
1 1/2"-CWR-7006-501C(N)	compressor cylinder cwr	17811-03B	1 1/2"	STD	BE	A106 GR.B, SMLS	WN 150# RF	A105N, ASME	2,5 bar(g)	10 bar(g)	45°C	0 to 80°C	Not Insulated		
1 1/2"-CWR-7007-501C(N)	after cooler cwr	17811-03B	1 1/2"	STD	BE	A106 GR.B, SMLS	WN 150# RF	A105N, ASME	2,5 bar(g)	10 bar(g)	45°C	0 to 80°C	Not Insulated		
1 1/2"-CWR-7008-501C(N)	main cooling water return	17811-03B	1 1/2"	STD	BE	A106 GR.B, SMLS	WN 150# RF	A105N, ASME	2,5 bar(g)	10 bar(g)	45°C	0 to 80°C	Not Insulated	TP-4	

Discrepancy with PID. In PID 511C

Discrepancy with PID. In PID 539D

The line is after AEC-1002-2 and the temperature is 52 oC

Discrepancy with PID. In PID 511C

Discrepancy with PID. In PID 539D

Discrepancy with PID. In PID 40

Discrepancy with PID. In PID 7005

Discrepancy with PID. In PID 7004

Discrepancy with PID. In PID 7006

Discrepancy with PID. In PID 7007

PLEASE CHECK ALL LINE CLASSES WITH PID. ALL LINE CLASSES ARE WRONG.

NOTE: