





OWNER:  شرکت سست و سویی توهمه ایرانیان (سهامی عامه)	BUSHEHR PETROCHEMICAL COMPANY MEG PLANT						EPC CONTRACTOR:  Chagalesh-Enerchimi-Steam Joint Venture BUPC-MEG PLANT PROJECT		
	DATA SHEET & DRAWINGS FOR STRAINERS FOR EMERGENCY INSTRUMENT AIR COMPRESSOR								
MC :  شرکت سست و سویی توهمه ایرانیان (سهامی عامه)	Project	Area	Phase	Unit	Dis.	Doc.	Seq.	Contract No : 52-98/445	
Owner Document Number: 17811-44B	BU	20	VD	303	ME	DSH	0082	Rev.:	Page
								01	1 of 6


DATA SHEET & DRAWINGS FOR STRAINERS FOR EMERGENCY INSTRUMENT AIR COMPRESSOR


			Approve For Construction				
01	27/10/2021		For approval	TvT	KP	LdM	
04	20/09/2021		For approval	TvT	KP	LdM	
00	25/02/2021		For approval	TvT	KP	LdM	
Rev	Date		Purpose of Issue	Prepared	Checked	Approved	AC Code
						Class: 1	Phase: P

INDEX			
No.	Device	Tag Number	Page
1	Y-Strainer	No Tag.No: Qty 2 pcs	4
2	Y-Strainer	No Tag.No: Qty 2 pcs	5
3	Y-Strainer Drawing	No Tag.No: Qty 2 pcs	6
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Notes:


				DATA SHEET & DRAWINGS FOR STRAINERS FOR EMERGENCY INSTRUMENT AIR COMPRESSOR	
					
01	TT	27-10-2021	For Approval		
00	TT	20-9-2021	For Approval		
Rev	By	Date	Description	Sheet	3 of 6
				Based on P&ID	Rev. 01

GENERAL	1	Tag Number		No Tag.No: Qty 1 pc	
	2	Service		Y-strainer	
	3	P&ID No.		17811-03	
	4	Location		Compressor Inlet	
	5				
	6				
	7				
	8				
PROCESS CONDITIONS	9	Fluid	State		Air Dry Gas
	10	Pressure	Norm.	Max.	8 Bar(a) 8,5 Bar(a)
	11	Temperature	Norm.	Max.	Ambient 45°C
	12	Design	Press.	Temp.	13.5 Bar(a) 80°C
	13	Ambient Temp.	Min.	Max.	5 °C 55 °C
	14	Oper. Flow		50 Kg/hr / 43 Nm3/hr	
	15				
	16				
	17				
	18				
BODY	20	Type Of Body		Y-strainer	
	21	Connection		2" ANSI RF 150#	
	22	Body Material		A216 WCB	
	23	Mesh Material		SS 316	
	24	Mesh Size		3 mm	
	25				
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CERTIFICATES	47	3.1 Material certificate		Yes	
	48				
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PURCHASE	53	Manufacturer		According to aproved vendor list	
	54	Model		Supplier to advise	
	55				
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01	TT	27-10-2021	For Approval		
00	TT	20-9-2021	For Approval		
Rev	By	Date	Description		
					Sheet 4 of 6
					Based on P&ID Rev. 01

GENERAL	1	Tag Number		No Tag.No: Qty 1 pc	
	2	Service		Y-strainer	
	3	P&ID No.		17811-03	
	4	Location		Compressor Cooling water inlet	
	5				
	6				
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	8				
PROCESS CONDITIONS	9	Fluid	State		Water Liquid
	10	Pressure	Norm.	Max.	4,5 Bar(g) 5 Bar(g)
	11	Temperature	Norm.	Max.	35°C 45°C
	12	Design	Press.	Temp.	6 Bar(g) 60°C
	13	Ambient Temp.	Min.	Max.	5 °C 55 °C
	14	Oper. Flow		3,5 m3/hr	
	15				
	16				
	17				
	18				
BODY	20	Type Of Body		Y-strainer	
	21	Connection		1 1/2" ANSI RF 150#	
	22	Body Material		A216 WCB	
	23	Mesh Material		SS 316	
	24	Mesh Size		3 mm	
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CERTIFICATES	47	3.1 Material certificate		Yes	
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PURCHASE	53	Manufacturer		According to aproved vendor list	
	54	Model		Supplier to advise	
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				Y-Strainer 	
01	TT	27-10-2021	For Approval	Sheet 5 of 6 Based on P&ID Rev. 01	
00	TT	20-9-2021	For Approval		
Rev	By	Date	Description		

GENERAL	1	Tag Number		No Tag.No: Qty 2 pcs	
	2	Service		Y-strainer	
	3	P&ID No.		17811-03	
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	6	Drawing		VTA	
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				Y-Strainer Drawing 	
01	TT	27-10-2021	For Approval		
00	TT	20-9-2021	For Approval		
Rev	By	Date	Description	Sheet 6 of 6 Based on P&ID Rev. 01	