





OWNER:  شرکت سست و سویی توهمه ایران (سهامی خاص)	BUSHEHR PETROCHEMICAL COMPANY MEG PLANT							EPC CONTRACTOR:  Chagalesh-Enerchimi-Steam Joint Venture BUPC-MEG PLANT PROJECT	
	DATA SHEET & DRAWINGS FOR STRAINERS FOR NITROGEN GAS BOOSTER							 Netherlands	
MC :  شرکت سست و سویی توهمه ایران (سهامی خاص)	Project	Area	Phase	Unit	Dis.	Doc.	Seq.	Contract No : 52-98/445	
Owner Document Number: 17811-44A	BU	20	VD	303	ME	DSH	0031	Rev.:	Page
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DATA SHEET & DRAWINGS FOR STRAINERS FOR NITROGEN GAS BOOSTER


01	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 NITROGEN GAS BOOSTER	
					
01	TT	20/09/2021	For Approval		
00	TT	25/02/2021	For Approval		
Rev	By	Date	Description	Sheet	3 of 6
				Based on P&ID	Rev.A

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	Nitrogen	Dry Gas
	10	Pressure	Norm. Max.	8 Bar(a)	9 Bar(a)
	11	Temperature	Norm. Max.	55°C	65°C
	12	Design	Press. Temp.	13.5 Bar(a)	80°C
	13	Ambient Temp.	Min. Max.	5 °C	55 °C
	14	Oper. Flow		707 Kg/hr / 565 Nm3/hr	
	15				
	16				
	17				
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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
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PURCHASE	53	Manufacturer		According to aproved vendor list	
	54	Model		Supplier to advise	
	55				
	56				
	57				
					
01	TT	20/09/2021	For Approval	Sheet 4 of 6 Based on P&ID Rev.A	
00	TT	25/02/2021	For Approval		
Rev	By	Date	Description		

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				
	7				
	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		14,5 m3/hr	
	15				
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	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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01	TT	20/09/2021	For Approval		
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Rev	By	Date	Description		
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				Based on P&ID	Rev.A

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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00	TT	25/02/2021	For Approval		Sheet	6 of 6
Rev	By	Date	Description		Based on P&ID	Rev.02