




OWNER  شرکت پتروشیمی بوتهر B.U.P.C.	BUSHEHR PETROCHEMICAL COMPANY MEG PLANT						EPC CONTRACTOR: 		
	Data sheet & drawings for strainers for reciprocating compressor								
MC :  شرکت سفت و سوی توسعه ایرانیان	Project	Area	Phase	Unit	Dis.	Doc.	Seq.	Contract No : 52-98/445	
Owner Document Number: 17811-44	BU	20	VD	303	ME	DSH	0031	Rev.:	Page
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Notes:


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GENERAL	1	Tag Number		No Tag.No: Qty 2 pcs		
	2	Service		Y-strainer		
	3	P&ID No.		17811-03		
	4	Location		Compressor Inlet		
	5					
	6					
	7					
	8					
PROCESS CONDITIONS	9	Fluid	State		Air / 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		90 Nm3/hr		
	15					
	16					
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		0,5 mm (Supplier to advise)		
	25					
	26					
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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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GENERAL	1	Tag Number		No Tag.No: Qty 2 pcs	
	2	Service		Y-strainer	
	3	P&ID No.		17811-03	
	4	Location		Compressor Cooling water inlet	
	5				
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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	m3/hr	
	15				
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	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		0,5 mm (Supplier to advise)	
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CERTIFICATES	47	3.1 Material certificate		Yes	
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PURCHASE	53	Manufacturer		According to approved vendor list	
	54	Model		Supplier to advise	
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				Y-Strainer	
					
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GENERAL	1	Tag Number	No Tag.No: Qty 2 pcs	
	2	Service	Y-strainer	
	3	P&ID No.	17811-03	
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