










OWNER 	BUSHEHR PETROCHEMICAL COMPANY MEG PLANT							EPC CONTRACTOR:  Chagalesh-Enerchimi-Steam Joint Venture BUPC-MEG PLANT PROJECT	
	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
								00	1 of 6

1- Strainer drawing shall be added in next revision.
2- These data is checked by considering that 20-C-1002 is not finalized.

Data sheet & drawings for strainers for reciprocating compressor

		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		Apr/25/2021	
Approval or review hereunder shall not be construed to relieve Vendor / Subcontractor of his responsibilities and liability under the contract.			

00	25/02/2021	For approval	TvT	KP	PW	
Rev.	Date	Purpose of Issue	Prepared	Checked	Approved	AC Code
				Class: 1	Phase: 1p	

OWNER  شرکت پتروشیمی بوتهر	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
								00	2 of 6


TABULATION OF REVISED PAGES

Page	D00	D01	D02	D03	D04
1.	X				
2.	X				
3.	X				
4.	X				
5.	X				
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35.					
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61.					
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63.					
64.					
65.					
66.					
67.					
68.					

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		6
4			
5			
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Notes:

				INSTRUMENT AND VALVE DATASHEET Index			
							
00	TT	25-2-2021	For Approval			Sheet	3 of 6
Rev	By	Date	Description			Based on P&ID	Rev.B

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				
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	18				
BODY	19				
	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				
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CERTIFICATES	47	3.1 Material certificate		Yes	
	48				
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	52				
PURCHASE	53	Manufacturer		According to aproved vendor list	
	54	Model		Supplier to advise	
	55				
	56				
	57				

20-C-7080: 50 kg/hr

0,5 mm

Please check Gap Size again and select sufficient strainer.

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				
	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	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		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 aproved vendor list	
	54	Model		Supplier to advise	
	55				
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	57				

This item must be filled out.

0,5 mm

Please check Gap Size again and select sufficient strainer.

GENERAL	1	Tag Number	No Tag.No: Qty 2 pcs	
	2	Service	Y-strainer	
	3	P&ID No.	17811-03	
	4			
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	6	Drawing	VTA	
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Drawing shall be added.