

1					Job No.	
2	Customer				Reference No.	
3	Address				Proposal No.	
4	Plant Location		Date		Rev.	
5	Service of Unit				Item No.	
6	Size	Type	(Hor/Vert)	Connected ir	Parallel	Series
7	Surf/Unit (Gross/Eff.)	Sq m; Shells/Unit		Surf/Shell (Gross/Eff.)	sq m	
8	PERFORMANCE OF ONE UNIT					
9	Fluid Allocator		Shell Side		Tube Side	
10	Fluid Name					
11	Fluid Quantity Tota		kg/Hr			
12	Vapor (In/Out)					
13	Liquid					
14	Steam					
15	Water					
16	Noncondensable					
17	Temperature (In/Out)		°C			
18	Specific Gravity					
19	Viscosity, Liquid		Cp			
20	Molecular Weight, Vapo					
21	Molecular Weight, Noncondensabl					
22	Specific Heat		J/kg °C			
23	Thermal Conductivity		W/m °C			
24	Latent Heat		J/kg @ °C			
25	Inlet Pressure		kPa(abs.)			
26	Velocity		m/sec			
27	Pressure Drop, Allow. /Calc		kPa		/ /	
28	Fouling Resistance (Min.)		Sq m °C / W			
29	Heat Exchangec				W/MTD (Corrected) °C	
30	Transfer Rate, Service		Clean		W/Sq m °C	
31	CONSTRUCTION OF ONE SHELL				Sketch (Bundle/Nozzle Orientation)	
32			Shell Side		Tube Side	
33	Design / Test Pressure		kPag		/ /	
34	Design Temp. Max/Mir		°C		/ /	
35	No. Passes per Shel					
36	Corrosion Allowanc		mm			
37	Connections		In			
38	Size &		Out			
39	Rating		Intermediate			
40	Tube No.	OD	mm;Thk (Min/Avg)	mm;Length	mm;Pitch	mm \leftarrow 30 \blacktriangle 60 \rightleftarrows 90 \diamond 45
41	Tube Type		Materia			
42	Shell	ID	OD	mm	Shell Cover	(Integ.) (Remov.)
43	Channel or Bonne				Channel Cover	
44	Tubesheet-Stationar				Tubesheet-Floating	
45	Floating Head Cove				Impingement Protector	
46	Baffles-Cross	Type		%Cut (Diam/Area)	Spacing: c/c	Inlet mm
47	Baffles-Long					
48	Supports-Tube	U-Bend		Type		
49	Bypass Seal Arrangemen				Tube-to-Tubesheet Join	
50	Expansion Join					
51	pV ² -Inlet Nozzle		Bundle Entrance		Bundle Exit	
52	Gaskets-Shell Side			Tube Side		
53	Floating Heac					
54	Code Requirements				TEMA Class	
55	Weight / Shell		Filled with Water		Bundle kg	
56	Remarks					
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