

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 in	Parallel Series
7	Surf/Unit (Gross/Eff.)		sq ft; Shells/Unit		Surf/Shell (Gross/Eff.) sq ft	
8	PERFORMANCE OF ONE UNIT					
9	Fluid Allocator		Shell Side		Tube Side	
10	Fluid Name					
11	Fluid Quantity Total		lb/hr			
12	Vapor (In/Out)					
13	Liquid					
14	Steam					
15	Water					
16	Noncondensable					
17	Temperature		°F			
18	Specific Gravity					
19	Viscosity, Liquid		cP			
20	Molecular Weight, Vapor					
21	Molecular Weight, Noncondensable					
22	Specific Heat		BTU / lb °F			
23	Thermal Conductivity		BTU ft / hr sq ft °F			
24	Latent Heat		BTU / lb @ °F			
25	Inlet Pressure psia					
26	Velocity ft / sec					
27	Pressure Drop, Allow. /Calc		psi		/ /	
28	Fouling Resistance (Min.)		hr sq ft °F / BTU			
29	Heat Exchanger				BTU / hr MTD (Corrected) °F	
30	Transfer Rate, Service		Clean		BTU / hr sq ft °F	
31	CONSTRUCTION OF ONE SHELL				Sketch (Bundle/Nozzle Orientation)	
32			Shell Side		Tube Side	
33	Design / Test Pressure		psig		/ /	
34	Design Temp. Max/Mir		°F		/ /	
35	No. Passes per Shell					
36	Corrosion Allowance		in			
37	Connections		In			
38	Size & Rating		Out			
39			Intermediate			
40	Tube No.	OD	in;Thk (Min/Avg)	in;Length	ft;Pitch	in ← 30 △ 60 ▢ 90 ◇ 45
41	Tube Type		Material			
42	Shell	ID	OD	in	Shell Cover	(Integ.) (Remov.)
43	Channel or Bonnet				Channel Cover	
44	Tubesheet-Stationary				Tubesheet-Floating	
45	Floating Head Cover				Impingement Protector	
46	Baffles-Cross	Type		%Cut (Diam/Area)	Spacing: c/c	Inlet in
47	Baffles-Long Seal Type					
48	Supports-Tube	U-Bend		Type		
49	Bypass Seal Arrangement				Tube-to-Tubesheet Joint	
50	Expansion Joint Type					
51	pV ² -Inlet Nozzle		Bundle Entrance		Bundle Exit	
52	Gaskets-Shell Side			Tube Side		
53	Floating Head					
54	Code Requirements				TEMA Class	
55	Weight / Shell		Filled with Water		Bundle lb	
56	Remarks					
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