

HEAT EXCHANGER SPECIFICATION SHEET

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 Allocation			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 (In/Out)			°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 Exchanged			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/Min			°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 \leftarrow 30 \blacktriangle 60 \rightleftarrows 90 \blacklozenge 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 Protection		
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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