

SHELL AND TUBE EXCHANGER DATA SHEET

Project Name				Sheet			
Project Number							
REV	DATE	BY	APVD	REV	DATE	BY	APVD

Form

8	PLANT							ITEM No's.		
9	LOCATION									
10	SERVICE									
11	SIZE			TYPE						
Horz.-Vert.										
12	SURFACE PER UNIT		SHELLS PER UNIT		SERIES		PARALLEL		SURFACE PER SHELL	
13	PERFORMANCE OF ONE UNIT			SHELL SIDE			TUBE SIDE			
14	FLUID CIRCULATED									
15	TOTAL FLUID ENTERING									
16	Vapor									
17	Liquid									
18	Steam									
19	Non-Condensables									
20	FLUID VAPORISED OR CONDENSED									
21	STEAM CONDENSED									
22	GRAVITY - LIQUID									
23	DENSITY @ AVE. COND									
24	VISCOSITY				@Temp:		@Temp:			
25	VISCOSITY				@Temp:		@Temp:			
26	MOLECULAR WEIGHT									
27	CONDUCTIVITY									
28	SPECIFIC HEAT									
29	LATENT HEAT - VAPORS									
30	TEMPERATURE IN									
31	TEMPERATURE OUT									
32	OPERATING PRESSURE									
33	NUMBER OF PASSES PER SHELL									
34	VELOCITY		Allow	Calc.		Allow	Calc.			
35	PRESSURE DROP		Allow	Calc.		Allow	Calc.			
36	HEAT EXCHANGED				MTD Corrected					
37	TRANSFER RATE - SERVICE		Clean	Fouling Res't: Shell			Tubes			
38	CONSTRUCTION									
39	DESIGN PRESSURE									
40	TEST PRESSURE									
41	DESIGN . TEMP. (MAX. METAL TEMP.)									
42	TUBES	No.	O.D.	BWG	Length	Pitch				
43	SHELL	I.D.	Material	TUBE FINS						
44	SHELL COVER	CHANNEL COVER				FLOAT. HEAD COV'R				
45	CHANNEL	FLOATING								
46	TUBE SHEETS - STATIONARY	Type	Spacing	Thickness	Hole Dia.					
47	BAFFLES - CROSS	Type	Thickness	Impact Baffle						
48	BAFFLES - LONG	No.	Thickness							
49	TUBE SUPPORTS	GLAND PACKING								
50	GASKETS	Shell in	Out	Series	Dome					
51	CONNECTIONS	Chan'l in	Out	Series						
52	CORROSION ALLOW.	Shell Side	Tube Side							
53	WEIGHT	Code	Cust. Specifications	Temp. Class						
54	TUBE TO TUBE SHEET JOIN									
55	S.R. IX-Ray									
56	REMARKS									
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