

Gulf Coast Engineered Solutions, Inc. Shell Tube Heat Exchanger Data Sheet



1	COMPANY _____		
2	NAME _____		
3	PHONE _____		
4	FAX _____		
5	EMAIL _____	END USER _____	
6	QUOTE TYPE _____	FIRM BID _____	JOB / REF # _____
7	BUDGET +/- _____	% _____	LOCATION _____
8	SERVICE OF UNIT _____		ITEM NO. _____
9	SIZE _____	TYPE _____	ORIENTATION _____
10	SQ. FT. SURF. / UNIT _____		SHELLS / UNIT _____
11	SQ. FT. SURF. / SHELL _____		
11	PERFORMANCE OF ONE UNIT		
12	FLUID ALLOCATION _____	IN _____	OUT _____
13	FLUID NAME _____	SHELL SIDE _____	TUBE SIDE _____
14	FLUID QUANTITY, TOTAL _____	IN _____	OUT _____
15	VAPOR (IN / OUT) _____	IN _____	OUT _____
16	LIQUID _____	IN _____	OUT _____
17	STEAM _____	IN _____	OUT _____
18	WATER _____	IN _____	OUT _____
19	NONCONDENSABLE _____	IN _____	OUT _____
20	TEMPERATURE (IN / OUT) _____	IN _____	OUT _____
21	SPECIFIC GRAVITY _____	IN _____	OUT _____
22	VISCOSITY _____	IN _____	OUT _____
23	MOLECULAR WEIGHT, VAPOR _____	IN _____	OUT _____
24	MOLECULAR WEIGHT, CONDENSABLE _____	IN _____	OUT _____
25	SPECIFIC HEAT _____	IN _____	OUT _____
26	THERMAL CONDUCTIVITY _____	IN _____	OUT _____
27	LATENT HEAT _____	IN _____	OUT _____
28	INLET PRESSURE _____	IN _____	OUT _____
29	VELOCITY _____	IN _____	OUT _____
30	PRESSURE DROP, ALLOW / CALC. _____	IN _____	OUT _____
31	FOULING RESISTANCE (MIN) _____	IN _____	OUT _____
32	HEAT EXCHANGED _____	MTD CORRECTED _____	
33	TRANSFER RATE, SERVICE _____	CLEAN _____	
34	CONSTRUCTION OF ONE SHELL		SKETCH
35	DESIGN / TEST PRESSURE _____	SHELL SIDE _____	TUBE SIDE _____
36	DESIGN TEMP / MDMT _____	_____	_____
37	NO. PASSES PER SHELL _____	_____	_____
38	CORROSION ALLOWANCE _____	_____	_____
39	CONNECTIONS _____	IN _____	OUT _____
40	SIZE & _____	OUT _____	_____
41	RATING _____	INTERMEDIATE _____	_____
42	TUBE NO. _____	OD _____	THK _____
43	TUBE TYPE _____	MATERIAL _____	LENGTH _____
44	SHELL _____	ID _____	OD _____
45	BONNET / CHANNEL _____	SHELL COVER _____	CHANNEL COVER _____
46	TUBESHEET - STATIONARY _____	TUBESHEET - FLOATING _____	FLOATING HEAD COVER _____
47	FLOATING HEAD COVER _____	IMPINGEMENT PROTECTION _____	BAFFLES-CROSS _____
48	BAFFLES - CROSS _____	TYPE _____	% CUT _____
49	BAFFLES - LONG _____	SEAL TYPE _____	SPACING _____
50	BYPASS SEAL ARRANGEMENT _____	TUBE - TUBESHEET JOINT _____	INLET _____
51	EXPANSION JOINT _____	TYPE _____	BAFFLES - LONG _____
52	GASKET _____	SHELL _____	TUBE _____
53	CODE REQUIREMENTS _____	ASME SECTION _____	FLOATING HEAD _____
54	REMARKS _____	TEMA CLASS _____	_____
55	_____	_____	_____
56	_____	_____	_____
57	_____	_____	_____