Heat Exchanger Datasheet

1	Customer						
2	Address						
3	Contact person						
4	Department						
5	e-mail address						
6	Telephone number						
7	Telefax						
8	**PROCESS DATA**			**HOT SIDE**		**COLD SIDE**	
9	Fluid designation *)						
10				Entering	Leaving	Entering	Leaving
11	Fluid flow rate, total *)		kg/hr				
12	Liquid		kg/hr				
13	Vapour **)		kg/hr				
14	Steam		kg/hr				
15	Non-condensable		kg/hr				
16	Temperature *)		°C				
17	Operating pressure *)		barg				
18	Maximum allowable pressure drop *)		bar				
19	**FLUID PHYSICAL PROPERTY DATA**			**HOT SIDE**		**COLD SIDE**	
20				Entering	Leaving	Entering	Leaving
21	Liquid	Density	kg/m^3				
22		Specific heat	kJ/(kg.K)				
23		Dynamic viscosity	mPa.s				
24		Thermal conductivity	W/(m.K)				
25	Vapour	Density	kg/m^3				
26		Specific heat	kJ/(kg.K)				
27		Dynamic Viscosity	mPa.s				
28		Thermal conductivity	W/(m.K)				
29	Fouling factor		$(m^2.K)/W$		x 10^{-4}		x 10^{-4}
30	Solids content in %, ppm or mg/litre ***)						
31	**DESIGN DATA**			**HOT SIDE**		**COLD SIDE**	
32	Design pressure (min/max)		barg				
33	Design temperature (min/max)		°C				
34	**FABRICATION DATA**						
35	Material of construction *)						
36	**ADDITIONAL DATA**						
37	Use of Heat Exchanger		cyclic		continuous		
38	Mechanical Cleaning required		hot side		cold side		
39	**REMARKS**						
40							
41							
42							
43							
44							
45							

*) Data marked with *) are essential for the thermal design

**) In the case of condensation, please provide composition and the condensation curve, if available

***) Please indicate shape, origin, maximum size and/distribution and density of the solids

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