

1 Company ¹⁾					RFQ #	
2 Address					Item Tag #	
3 Contact person ¹⁾					Phone # ¹⁾	
4 E-mail address ¹⁾					Telefax #	
5 Process data		Hot side			Cold side	
6 Fluid designation ²⁾						
7 <i>Please insert engineering units via dropdown box →</i>		US	Entering	Leaving	Entering	Leaving
8 Fluid flow rate, total ²⁾		lb/hr				
9 Liquid		lb/hr				
10 Vapour ⁴⁾		lb/hr				
11 Steam ⁶⁾		lb/hr				
12 Non-condensable gases		lb/hr				
13 Temperature ²⁾		°F				
14 <i>If condensation: dew point</i>		°F				
15 Working pressure (normal / max.)		psig				
16 Allow. pressure drop ²⁾		psi				
17 Turn-down ratio (based on) ¹²⁾		-		of flow rate		of flow rate
18 Physical property data ³⁾		Hot side			Cold side	
			Entering	Leaving	Entering	Leaving
20 Liquid	Density	lb/ft ³				
	Specific heat	Btu/(lb.°F)				
	Dyn. viscosity	cP				
	Thermal conductivity	Btu/(ft.hr.°F)				
24 Vapour	Density	lb/ft ³				
	Specific heat	Btu/(lb.°F)				
	Dyn. viscosity	cP				
	Thermal conductivity	Btu/(ft.hr.°F)				
	Latent heat	Btu/lb				
29 Molecular weight		lb/kmol				
30 Prescribed fouling-factor		ft ² .h.°F/Btu				
31 Solids content in %, ppm or g/ltr ⁵⁾						
32 The liquids, solids or vapours are:		<input type="checkbox"/> Agressive	<input type="checkbox"/> Toxic	<input type="checkbox"/> Agressive	<input type="checkbox"/> Toxic	
33		<input type="checkbox"/> Explosive	<input type="checkbox"/> Abrasive ⁷⁾	<input type="checkbox"/> Explosive	<input type="checkbox"/> Abrasive ⁷⁾	
34 Design data		Hot side			Cold side	
35 Design pressure (min. / max.) ²⁾		psig				
36 Design temperature (min. / max.)		°F				
37 Design according to ⁹⁾		<input type="checkbox"/> AD-Merkblätter	<input type="checkbox"/> ASME VIII Div. 1	<input type="checkbox"/> Other		
38 Marking ⁹⁾		<input type="checkbox"/> CE	<input type="checkbox"/> NB	<input type="checkbox"/> U	<input type="checkbox"/> SQL	<input type="checkbox"/> Other
39 PED 97/23/CE ⁸⁾	Fluid group / Kategorie / Module					
	Condition of fluid					
41 Fabrication data		(1.4301 = 304, 1.4571 = 316Ti, 1.4462 = S31805, 1.0425 = SA-516-60)				
42 Wetted material of construction ²⁾		<input type="checkbox"/> 1,0425	<input type="checkbox"/> 1,4301	<input type="checkbox"/> 1,4571	<input type="checkbox"/> 1,4462	Other:
43 Material of gaskets						
44 Additional data						
45 Use of the heat exchanger		<input type="checkbox"/> Continuous	<input type="checkbox"/> Discontinuous ¹⁰⁾	<input type="checkbox"/> Batch-process ¹¹⁾		
46 Mechanical cleaning required		<input type="checkbox"/> Hot side	<input type="checkbox"/> Cold side	<input type="checkbox"/> Not required		
47 Background of condensation		<input type="checkbox"/> Heat recovery		<input type="checkbox"/> Recovery of components		
		<input type="checkbox"/> Environmental aspects		<input type="checkbox"/> Other:		
48						
49 Remarks (such as: corrosion allowance, non-Newtonian behaviour, etc.)						
50						
51						
52						