Heat Exchanger Inquiry Data Form

TAYLOR FORGE ENGINEERED SYSTEMS

Company/Project Information

Company name:
Address:
Contact name:
Telephone:
Email address:

Date:
Service of unit:
Item no.:
Reference no.:
Size:
Type:
Connected in: ☐ Parallel ☐ Series

Performance of One Unit

Fluid Allocation		Shell Side		Tube Side	
Fluid name					
Fluid quantity, total	(lb/hr)				
Vapor (in/out)	(lb/hr)				
Liquid (in/out)	(lb/hr)				
Steam (in/out)	(lb/hr)				
Water (in/out)	(lb/hr)				
Noncondensable (in/out)					
Temperature (in/out)	(°F)				
Density (in/out)	(lbs/ft^3)	V/L	V/L	V/L	V/L
Viscosity (in/out)	(cP)	V/L	V/L	V/L	V/L
Molecular weight, vapor					
Specific gravity (in/out)		V/L	V/L	V/L	V/L
Specific heat (in/out)	(Btu/lb-F)	V/L	V/L	V/L	V/L
Thermal conducivity (in/out)	(BTU/hr-ft-F)	V/L	V/L	V/L	V/L
Latent heat	(Btu/lb)				
Inlet pressure	(psia)				
Velocity	(ft/sec)				
Pressure drop, allow	(psi)				
Fouling resistance	(min-ft^2-hr-F/Btu)				
Heat exchanged	(Btu/hr)				

Construction of One Shell

		Shell Side	Tube Side
Design pressure	(psi)		
Test pressure	(psi)		
Design temperature/MDMT	(°F)		
No passes per shell			
Corrosion allowance	(inch)		
Connections: In	(inch)		
Out	(inch)		

Tube no.:	Tube OD:	Thickness:	Max. tube length (ft):
Tube material:		Pitch (inch):	Layout:
Shell material:		Shell cover:	
Channel or bonnet:		Channel cover:	
Tubesheet (stationary):		Tubesheet (floating):	
Floating head cover:		Impingement plate:	
Baffles (cross):	Type:	% Cut (diameter):	Spacing (c/c):
Supports (tube):		U-bend:	Type:
Bypass seal arrangement:			Tube-tubesheet joint:
Gaskets (shell side):		Gaskets (tube side):	
Gaskets (floating head):			
Code requirements:		TEMA class:	

Remarks

Send as email | Print to be faxed | Reset form

*Required fields are in red

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