

ENG-907000 REV.: B ECN: 2757

Contact Name: Company: Location: Tag/PSV No.:		Phone:					
		Fax: Email: Quantity:					
				-	Please indicate the un		
				1. Ve	ssel Data		
	Vessel Diameter:	Type of I	Ends:				
	Vessel Length (seam to seam):	End 1: 🗌 Flat Head	2:1 Elliptical Hemispherical				
	Normal Fluid Level (height or %):	End 2: 🗌 Flat Head	2:1 Elliptical Hemispherical				
	Vessel Height Above Grade:	Environm	nental Factor F:				
	Vessel Orientation:	× ×	(F=1 for bare vessel) Insulation (If applicable):				
	□ Vertical □ Horizontal □ Sphere						
	Is There Drainage and Fire Fighting Equipment?		Thickness:				
	Yes No	0	Thermal Conductivity:				
	<b>quested Connection Size and Type</b> requested may not be available since it depends on orifice/valve sizing result.						
	Threaded:	➢ Flanged:					
	MNPT x FNPT	🗌 RF x F	RF				
	FNPT x FNPT	🗌 RTJ x	RF				
	► Lift Lever? □ None □ Open Lever □ Closed Lever	🗌 RTJ x	RTJ				
3. Op	perating Data						
	Operating Pressure:	> Allowabl	e Overpressure (up to 21% MAWP):				
	Set Pressure:	Known I	nlet Pressure Drop:				
	Atmospheric Pressure:	> Operating	g Temperature:				
	Back Pressures:						
	Constant Superimposed:	• Variable Superimposed:					
	• Built-up:						
4. Flu	uid Data (Liquid being vaporized)						
	Fluid Name:	<ul> <li>Does This Require Sour Service Trim?</li> <li>Yes No NACE MR0175</li> <li>Ratio of Specific Heats:</li> </ul>					
	Molecular Weight:						
	Saturation Temperature at Set Pressure:						
	Latent Heat of Vaporization at Set Pressure:	<ul> <li>Compressib</li> </ul>	bility Factor Z:				
		(Z = 1.0  if value)	is unknown)				



## THINK...MERCER FIRST®