

Static mixer sizing questionnaire

Customer Name		File Number					
MECHANICAL DESIGN		DATA				ANY COMMENTS	
Pipe Diameter	in						
Maximum Pressure Drop	psig						
Removable Elements	Y/N						
Injector(s)	Y/N						
Sample Point(s)	Y/N						
Sanitary Finish	Y/N						
End Connections							
Housing Schedule							
Materials of Construction							
Operating Temperature	°F						
Operating Pressure	psig						
Jacketed	Y/N						
Other Data							
Process data							
Component		1 Mainstream	2 Sidestream	3 Sidestream	4 Sidestream	5 Sidestream	Mixture
Fluid Name							
Flowrate	gpm						
Viscosity	Cp.						
Specific Gravity							
Pressure	psig						
Temperature	°F						
Miscible System	Y/N						
Interfacial Tension – Immiscible systems only (dynes/cm)							
Degree of mix (%) required at discharge/downstream							
Sample Point Location (pipe diameters from mixer discharge)							
Description of Process and Flow Diagram							