

Questionnaire Mixing and Dispersing

Company: _____

Contact: _____

Address: _____

Telephone: _____

Telefax: _____

eMail: _____

Your reference: _____

Date: _____

Description of application, sketch
Please enter data into table on reverse side



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Please turn over

Data for engineering

Component	Unit	1	2	3	Mixture
Name					
Fluidum class					
Gaseous / liquid / solid ¹⁾					
Flow rate	minimum				
	normal				
	maximum				
Viscosity at operating conditions					
Density at operating conditions ²⁾					

¹⁾ For suspension/dust/solids: indicate particle size

²⁾ For solids: indicate bulk density

Are the components soluble insoluble in each other?
 Soluble components : Desired homogeneity = _____
 Insoluble components: Interfacial tension = _____
 Desired droplet / bubble size = _____
 Type of settler after the mixer = _____

Operating conditions: Pressure = _____ Temperature = _____

Flow pattern: Uniform Pulsating with pulsation factor = _____

Maximum allowed pressure drop = _____

Planned installation: Horizontal Vertical, whereas Flow up
 Maximum installation length: _____ Flow down

Planned pipe diameter = _____ Other diameter possible? Yes No

Material of construction:
 Mixing elements: V4A $\hat{=}$ AISI 316 Polypropylene PVDF

 Mixer pipe: V4A $\hat{=}$ AISI 316 Polypropylene Carbon steel/PTFE

Design:
 Mixing elements: Non removable Removable
 Mixer pipe: With weld ends With flanges
 With dosing pipe NPS _____ With jacket

 Flange type: DIN 2633 PN16 DIN 11851 (Sanitary screw connection)
 ANSI B 16.5 150 lbs

Inner pipe: Design pressure = _____ Design temperature = _____
 Jacket: Design pressure = _____ Design temperature = _____
 PED: category / module _____ ATEX: Ex-zone / Gas group: _____