

Questionnaire Mixer- Gas Scrubbers

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	Gas Inlet	Substance to remove	Scrubbing solution	Gas Outlet
Name / chemical identification					
Fluidum class					
Fluid concentration ¹⁾					
Flow rate	minimum				
	norm				
	maximum				
Viscosity at operating conditions					
Temperature					
Pressure					
Density at operating conditions					

Dust existing - % ? : _____ Particle size: _____

¹⁾ Note System and concentration of reactive component in scrubbing solution

Gas: Inlet concentration of substance to remove (Proportion in Gas/ und –Liquid) = _____
 Gas: Required outlet concentration of substance to remove in the gas = _____
 Gas: Proportion of liquid in the gas at the inlet = _____
 Liquid: Equilibrium concentration of substance to remove in the scrubbing solution = _____

Flow pattern: Uniform Pulsating with pulsation factor = _____
 Recirculation of scrubbing solution required ? _____

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 Alloy 825

 Mixer pipe: V4A $\hat{=}$ AISI 316 Alloy 825 Carbon Steel

Design:
 Mixer pipe: With welding ends With flanges
 Dosing: With spray nozzle / sparger NPS: _____

 Flange type: DIN 2633 PN16 _____
 ANSI B 16.5 150 lbs _____

Inner pipe: Design pressure = _____ Design temperature = _____
 PED: Categorie / Module _____ ATEX: Ex-zone / Gas group: _____