KOCH-GLITSCH Reset Form

Koch-Glitsch Corporate Headquarters
4111 E. 37th St. North, Wichita, KS 67220, USA
tel: 316-828-5110 fax: 316-828-7985
email: info.wichita@kochglitsch.com

Flue Gas Desulfurization Specification Sheet (U.S. Units)

Contact Information

Name _____
Title _____
Company _____
Address _____
City, State, Zip _____
Country _____
Email _____
Phone _____
Your Reference No. _____

End User Contact Information

End User Company _____
Address _____
City, State, Zip _____
Country _____

Inquiry Date _____
Date Quotation Required _____
Date Equipment Required _____

☐ Firm Price ☐ Budget Price

Scrubber No. _____
Scrubber Name _____
New or Existing Vessel?[1] ☐ New ☐ Existing
Existing Scrubber I.D.[1] (ft-in) _____
Unit _____
Manhole / Column Access I.D. (in) _____

Welding Permitted? ☐ Weld To Tower Shell ☐ Weld To Tower Attachments ☐ No Welding Permitted

Gas Data

	Normal Operating Case	Maximum Operating Case	Minimum Operating Case
Gas Flow Rate (lb/h)			
Gas Pressure (psia)			
Gas Temperature (°F)			
Density (lb/ft^3)			
Viscosity (cP)			

Liquid Data

Liquid Flow Rate (lb/h)			
Liquid Pressure (psia)			
Liquid Temperature (°F)			
Density (lb/ft^3)			
Viscosity (cP)			

Feed Characteristics

Are any solids present? ☐ Yes, soluble in entrained liquid ☐ Yes, non-soluble ☐ No
Composition _____
If yes, concentration (mass %) _____ Molecular Weight (lb/lbmol) _____

Operating History of Existing Column

Describe the history of fouling and performance of the FGD Unit

Mist Eliminator Design

Proposed Material of Construction for this Project _____

Performance Required

Desired Efficiency Objective _____
Maximum Allowable Pressure Drop in H_2O _____
Other Performance Needs _____
Remove _____ % at _____ micron

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Relevant drawings must be submitted and can be used in lieu of completing this page.

Process Data

General

FGD System Supplier		Reagent Type	
Absorption Device		Number of Absorbers	
Process			
First Stage ME Type		Second Stage ME Type	
Absorber Diameter (in)			
Duct Size (in)		Hold-Down Description	
Number of Support Beams			
Width of Support Beam (in)			

Mist Eliminator

Number of Stages		Mist Eliminator Manufacturer / Style	
Number of Passes			
Blade Spacing (in)			
Typical Module Dimensions (in) (HxWxL)			

Mist Eliminator Wash System

Levels of Washing		Available Wash Water (gpm)	
Location of Existing Wash Levels			
Wash Cycles / Strategy		Water Pressure (psig)	

	Level 1	Level 2	Level 3	Level 4
Wash Rates ($ft^3/h.ft^2$)				
Number of Wash Sections				
Number of Nozzles				
Nozzle Manufacturer / Style				

[1] If vessel is existing, please provide vessel elevation, orientation drawing, and drawings of existing tower attachments (or Koch-Glitsch drawing number if applicable).

Please provide any additional information that will help with your design and describe any documents you will send. Include relevant drawings of existing equipment so that we may design a compatible solution. Use more than one sheet if necessary.

Comments/Sketch