KOCH-GLITSCH™

Reset Form

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Sulfuric Acid 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

Column No. _____
Column Name _____
New or Existing Vessel?[1] ☐ New ☐ Existing
Existing Column 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

Application

Tower
- ☐ Drying (gas)
- ☐ Drying (air)
- ☐ Interpass
- ☐ Final
- ☐ SO_2 Scrubber
- ☐ Other

Feed Stock
- ☐ Bright S
- ☐ Dark S
- ☐ Ore Roaster
- ☐ Spent / Sludge Acid

Oleum Production
- ☐ None
- ☐ Bypass
- ☐ Full Flow

Oleum Strength (mass%) _____

Process Data

	Normal Operating Case	Maximum Operating Case	Minimum Operating Case
Pressure (psia)			
Temperature (°F)			
Gas Flow Rate (lb/h)			
Gas Density (lb/ft^3)			
Gas Viscosity (cP)			
Gas MW (lb/lbmol)			
Liquid Flow Rate (lb/h)			
Liquid Density (lb/ft^3)			
Liquid Viscosity (cP)			
Liquid Surface Tension (dyne/cm)			
Liquid Composition			
Estimated Particle Size Distribution (micron)			

Feed Characteristics

Are any solids present? ☐ Yes ☐ No
Dissolved (%) _____ Undissolved (%) _____
Size of solids _____

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Mist Eliminator Design

Upgrade Existing Mist Eliminator? ☐ Yes ☐ No

Reason for Upgrade:

Is a Mist Eliminator currently installed in the vessel? ☐ Yes ☐ No

Preferences for Proposed New Mist Eliminator:

Material of construction:

Mist Eliminator _____

Supports & Tower Attachments _____

Preferences/Space Limitations for Proposed New Vessel:

Equipment Type

- ☐ DEMISTER® mist eliminator
- ☐ Scrubber Type "S"
- ☐ TYPE "D" SAFETY SCRUBBER mist eliminator housing
- ☐ FLEXICHEVRON® mist eliminator
- ☐ FLEXIFIBER® Impaction Candle type mist eliminator
- ☐ FLEXIFIBER® Brownian Diffusion mist eliminator
- ☐ YORK-EVENFLOW® Vane Inlet Device
- ☐ OTHER _____

Performance Objectives

Efficiency Required _____ % at _____ micron

[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

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