

Sulfuric Acid Specification Sheet (Metric 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

New or Existing Vessel?¹ New Existing
 Unit _____

Column No. _____
 Column Name _____
 Existing Column I.D.¹ (mm) _____
 Manhole / Column Access I.D. (mm) _____

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

Application

Tower	Feed Stock	Oleum Production
Drying (gas)	Bright S	None
Drying (air)	Dark S	Bypass
Interpass	Ore Roaster	Full Flow
Final	Spent / Sludge Acid	Oleum Strength (mass%) _____
SO ₂ Scrubber		
Other		

Process Data

	Normal Operating Case	Maximum Operating Case	Minimum Operating Case
Pressure (bar abs)	_____	_____	_____
Temperature (°C)	_____	_____	_____
Gas Flow Rate (kg/h)	_____	_____	_____
Gas Density (kg/m ³)	_____	_____	_____
Gas Viscosity (cP)	_____	_____	_____
Gas MW (kg/kmol)	_____	_____	_____
Liquid Flow Rate (kg/h)	_____	_____	_____
Liquid Density (kg/m ³)	_____	_____	_____
Liquid Viscosity (cP)	_____	_____	_____
Liquid Surface Tension (dyne/cm)	_____	_____	_____
Liquid Composition	_____	_____	_____
Estimated Particle Size Distribution (micron)	_____	_____	_____

Feed Characteristics

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

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