KOCH-GLITSCH™

Reset Form

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Mist Eliminator 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 _____
Existing Column I.D.[1] (ft-in) _____
Manhole / Column Access I.D. (in) _____

New or Existing Vessel?[1] ☐ New ☐ Existing
Unit _____

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

Description of Process

Description of process/problem:

How and where is mist created? Describe upstream equipment:

Why does mist need to be removed? Be specific.

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)			

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Feed Characteristics

Are any solids present? ☐ Yes ☐ No

Dissolved (%) _____ Undissolved (%) _____

Size of solids _____

Mist Eliminator Design

Upgrade Existing Mist Eliminator? ☐ Yes ☐ No

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

Reason for Upgrade:

Preferences for Proposed New Mist Eliminator:

Material of construction:

Mist Eliminator _____

Supports & Tower Attachments _____

Preferences/Space Limitations for Proposed New Vessel:

Mist Eliminator Type

☐ DEMISTER® mist eliminator ☐ FLEXICHEVRON® mist eliminator ☐ VORSOMAX™ cyclone mist eliminator

☐ DEMISTER-PLUS mist eliminator ☐ FLEXIFIBER® mist eliminator ☐ Other _____

Performance Objectives

☐ Steam Drum: Steam Quality (%) _____ TDS (ppm) _____

☐ Evaporator: TDS in overhead (ppm) _____

☐ Solvent Recovery: Solvent Loss Amount (gal/MMSCF) _____

Other Performance Objectives _____

[1] If vessel is existing, please provide vessel elevation, orientation drawing, inlet piping geometry, 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