

## 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.<sup>1</sup> (ft-in) \_\_\_\_\_

Manhole / Column Access I.D. (in) \_\_\_\_\_

New or Existing Vessel?<sup>1</sup>    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 <sup>3</sup> )	_____	_____	_____
Gas Viscosity (cP)	_____	_____	_____
Gas MW (lb/lbmol)	_____	_____	_____
Liquid Flow Rate (lb/h)	_____	_____	_____
Liquid Density (lb/ft <sup>3</sup> )	_____	_____	_____
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 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 \_\_\_\_\_

<sup>1</sup> 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