

Flue Gas Desulfurization Specification Data Sheet

Name: _____ Date: _____
 Title: _____ Phone: _____
 Company: _____ Fax: _____
 Address: _____
 City, State, Zip: _____
 Country: _____ Email: _____
 Your Reference No.: _____ End User, Location: _____

Quotation

Date Quotation Required: _____
 Date Equipment Required: _____ Firm Price _____ Budget Price _____

The following will assist in the design of an economical solution to your flue gas desulfurization application. Please provide all known information in the spaces provided and/or attach any supporting documentation. Please email or fax to us for a prompt response.

Gas Data		Normal Operating Case	Maximum Operating Case	Minimum Operating Case
Gas flow rate	lb/h			
Gas pressure	psia			
Gas temperature	°F			
Gas density	lb/ft ³			
Gas viscosity	cP			

Feed Characteristics

Are any solids present?	Yes, non-soluble	ppm	No
	Yes, soluble in entrained liquid	%	
Composition			
Concentration	mass %	Molecular weight	lb/lbmol

Operating History of Existing Column

Describe the history of fouling and performance of the FGD unit.

FGD Specification Sheet continues on next page

Mist Eliminator Design

Proposed material of construction for this project

Performance Required

Desired efficiency objective

Maximum allowable pressure drop in.H₂O

Other performance needs

Remove % at micron

Absorber Information

General

FGD system supplier

Absorption device

Process

First stage ME type

Absorber diameter in.

Duct size in.

Number of support beams

Width of support beam in.

Manway ID in.

Reagent type

Number of absorbers

Second stage ME type

Hold-down
description

Mist Eliminator

Number of stages

Number of passes

Blade spacing in.

Typical module dimensions
(HxWxL) in.

Mist eliminator manufacturer/style

Mist Eliminator Wash System

Levels of washing

Location of existing wash levels

Wash cycles/strategy

Available wash water gpm

Water pressure psig

Level 1

Level 2

Level 3

Level 4

Wash rates ft³/h.ft²

Number of wash sections

Number of nozzles

Nozzle manufacturer/style

Comments:

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.