



Fiber Bed Filter Mist Eliminator Application Data Sheet

Contact Name: _____ E-mail: _____

Company Name: _____

Address: _____

Telephone: _____ Ext.: _____ Fax: _____

Project name and location: _____

Process Information

Source of gas: _____

New project or replacement filters? _____ No. of Filters: _____

Dimensions of Vessel: _____ Filter Arrangement: Hanging / Sitting

Filter Connection Details: _____ () Bolt Holes/Studs on () dia. B.C.

Temperature (°F / °C): _____ Absolute Pressure (psig / bar): _____

<i>Please Circle Measurement Used</i>		Gas	Liquid
Density:	kg/m³ lb/ft³		
Viscosity:	cp cp		
Mass rate:	kg/hr lb/hr		
Flow rate:	Am³/hr Nm³/hr ACFM SCFM*		
Composition (Vol %/mole fraction):			
		N ₂	
		O ₂	
		CO ₂	
		SO ₂	
		SO ₃	
		Other:	

Amount of entrained acid (**mg/m³**) or (**lb/ft³**): _____

Acid Concentration: _____

Droplet size of entrained liquids, if known (**microns**): _____

Performance Information

Separation efficiency desired (%): _____

Initial Clean pressure drop (w.g.): _____ Maximum Allowable pressure drop (w.g.): _____

Special performance problems (i.e. pluggage, efficiency, life): _____

Filter Media Material (circle preference): **Fiberglass** **Polyester** **Polypropylene** **Other**
 Filter Cage Material (circle preference): **316 SS** **Alloy 20** **Carbon Steel** **FRP** **Other**

Please provide any filter drawings, filter data sheets or process flow sheets if available

*SCFM taken at 32°F, 1 atm