

FISHER-KLOSTERMAN

EMTROL

A CECO Environmental Company

EQUIPMENT SELECTION DATA SHEET

PLEASE PROVIDE ACCURATE DATA SINCE EQUIPMENT SELECTION AND PERFORMANCE GUARANTEE WILL BE BASED ON THE INFORMATION PROVIDED ON THIS DATA SHEET. CONTACT AN FKI ENGINEER IF ASSISTANCE IS NEEDED.

CUSTOMER _____

Address _____

City _____ State/Province _____ Zip _____ Country _____

Phone: _____ Fax: _____ Email: _____

Contact Name: _____ Title: _____

PROCESS DESCRIPTION (attach sketch if necessary)

Contaminants to be Removed: Particulate () Gases () Liquid () Other () _____

Collector Type: Cyclone () Scrubber () Baghouse () Quench () Venturi () Packed Tower ()

Materials of Construction _____

Location: Indoors () Outdoors () Please specify wind and seismic loadings _____

Allowable Pressure Drop _____ In H₂O, kPa or mm

H₂O

Available Utilities: Electric _____ Compressed Air _____ Water _____

Size or Weight Restrictions _____

GAS CONDITIONS AT COLLECTOR INLET

| | Minimum | Normal | Maximum |
|---|---------|--------|---------|
| Gas Flow: ACFM (), SCFM (), Am ³ /hr (), or Nm ³ /hr () | | | |
| Temperature: °F () or °C () | | | |
| Pressure: PSIA (), PSIG (), kg/cm ² (a) (), or kg/cm ² (g) () | | | |
| Gas Density: lb/ft ³ () or kg/m ³ () | | | |
| Gas Viscosity: cP | | | |
| Particulate loading: lb/hr () or kg/hr () | | | |

Please attach complete gas composition on separate sheet

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PARTICULATE TO BE REMOVED (IF APPLICABLE)

Particulate Description _____

Specific Gravity: _____ Bulk Density: _____ lb/ft³ or kg/m³

Corrosive? _____ Abrasive? _____ Sticky? _____ Explosive? _____ Toxic? _____

Particle Size Distribution (please attach or provide representative sample) _____

Particle Size Method _____

Collection Efficiency Required _____

GASES TO BE REMOVED (IF APPLICABLE)

Description _____

Loading (Normal and Maximum) _____ lb/hr, kg/hr, or ppm

Collection Efficiency Required for Each _____

OPTIONS

Design Code: ASME () GB () PED () Other () _____

Stamp Required? Yes () No ()

Abrasion resistant lining: Alumina Tile () Refractory () Vulcanized Rubber () Other () _____

Internal Surface Finish _____

Insulation (Type, Thickness, Cladding) _____

Manways: Size/Location _____

Access Steel: YES () NO ()

AUXILIARIES

Rotary Airlock Valve: Material of Construction _____ Preferred Mfg _____

Pumps: Material of Construction _____ Preferred Mfg. _____ Standby? _____

Recycle piping and valves: Material of Construction _____ Preferred Mfg. _____

Instruments: Flow () Pressure () Temperature () Level () Preferred Mfg: _____

System Fan: Preferred Mfg. _____ External static pressure (without collector): _____ In H₂O or mm H₂O

Stack: Material of Construction _____ Height Required (above grade) _____

Control Panel: Electrical Rating _____ Include Motor Starters? _____