



JIM ROBBINS & ASSOCIATES, INC.

**Solids Handling and Pollution Control
Equipment and Systems**

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Scrubber Application Data Sheet

| |
|---------|
| Company |
| Contact |
| Address |
| City |
| State |
| Zip |

| |
|-------|
| Phone |
| Fax |
| Email |

| |
|------------------------|
| Project Status |
| Budget/ Firm |
| Project Funded? Y/N |
| Order Date |
| Required Delivery Date |

Please Fill Out As Much Information as Possible

| |
|--|
| Plant Location |
| Altitude (above sea level) |
| Equipment Installed: Indoors / Outdoors (attach drawing if possible) |
| Type of Industry |
| |
| Purpose and Gas Source |
| Material to be Removed or Recovered |
| Solid / Liquid / Vapor or Gas |
| Inlet Gas Volume (ACFM) |
| Inlet Gas Temperature (deg F) |
| Moisture Content of Gas (deg F dewpoint) |
| Dust Loading (grains/ ACFM) |
| <i>(next page)</i> |



| |
|--|
| Dust (if applicable) |
| Size by Weight (% minus 10 micron) |
| Size by Weight (% minus 1 micron) |
| Inlet Grains/ ACFM |
| Bulk Density (pounds per cubic foot) |
| Specific Gravity of Dust |
| Characteristics: Explosive, Combustible, Abrasive, Toxic, Hygroscopic, Corrosive, Insoluble in Water, Soluble in Water, Sticking Tendency (describe) |
| |
| Additional Information required for Scrubbers |
| Outlet Conditions: (moisture content) |
| Temperature |
| Turndown required |
| Gas can be corrosive: never / when wet / when dry |
| Scrubbing Liquid Available |
| Water: (GPM) (deg F) |
| Supply: Limited or Abundant |
| Process Solution (GPM) |
| Type of Solution and Concentration (deg F) |
| Size and concentration of particulate matter in liquid stream |
| |
| Applicable Air Pollution Code |
| Max Allowable dust loss (pounds per hour) |
| Grains/ ACFM |
| Desired Efficiency |
| Reason for Control Equipment: Code Compliance / Nuisance / Recovery |
| |
| Fan: Yes / No |
| Optional Fan Additions: Inlet Damper, Discharge Damper, Inspection Door, Drain, V-Belt Guard, Guard, Stack, Motor |
| Power: 230-460/3/60, Other |
| |
| Special Requirements |
| Recommended Materials of Construction |
| Special Coatings required (describe) |
| |