**SCRUBBER SYSTEM:**

**Inlet Gas Specifications**

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1. Volume (Flow Rate) m3/hr, acfm, scfm, kg/hr :

2. Operating Temperature °C :

3. Design Temperature °C :

4. Operating Pressure bar (g), kg/cm2 (g) :

5. Design Pressure bar (g), kg/cm2 (g) :

6. Allowable pressure drop mm H2O :

7. Draft Required mm H2O :

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| --- | --- | --- | --- |
| Composition | | | |
| Component |  |  |  |
| PPM |  |  |  |
| Inlet % by volume/weight |  |  |  |
| Outlet % by volume/weight |  |  |  |
| % Removal required |  |  |  |

**If Gas Contains Solid or Liquid Particles**

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1. Quantity kg/hr :

2. Density kg/m3 (Specify whether true or Bulk Density) :

3. Inlet Load gm/m3, mg/m3 :

4. Outlet Load gm/m3, mg/m3 :

**Characteristics Check**

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1. Corrosive **:**

2. Abrasive **:**

3. Sticky **:**

4. Insoluble **:**

5. Soluble **:**

6. Hydroscopic **:**

7. Other **:**

|  |  |  |  |
| --- | --- | --- | --- |
| Particle Size Distribution | | | |
| Size Range |  |  |  |
| % by wt/count ( Specify ) |  |  |  |
| % Removal Required |  |  |  |

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Source of Fume **:**

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Reason for Removing Contaminant **:**

**Scrubbing Liquid**

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Available pressure kg/cm2 (g), bar (g) **:**

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Inlet Temperature °C **:**