

<b>Scrubbers</b>	<b>Section L5</b>
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**1. Scrubber Description**

- A. Emission Point Designation (Ref. No.): \_\_\_\_\_
- B. Equipment Description (include the process(es) that the scrubber(s) controls emissions from):  
\_\_\_\_\_
- C. Manufacturer: \_\_\_\_\_ D. Model: \_\_\_\_\_
- E. Status:     Operating     Proposed     Under Construction

**2. Scrubber Data**

- A. Scrubber Type:
- |   |  |
|---|--|
| <input type="checkbox"/> Spray Tower      | <input type="checkbox"/> Orifice             |
| <input type="checkbox"/> Packed Bed       | <input type="checkbox"/> Cyclonic            |
| <input type="checkbox"/> Venturi          | <input type="checkbox"/> Condensation Growth |
| <input type="checkbox"/> Tray/Plate Tower | <input type="checkbox"/> Other: _____        |
- B. Scrubber Efficiency: \_\_\_\_\_ % Controlling the following pollutant(s): \_\_\_\_\_
- C. Pressure Drop: \_\_\_\_\_ in. of H<sub>2</sub>O
- Pressure measurement device?     Yes     No
- D. Gas Conditions:
1. Inlet flow rate: \_\_\_\_\_ acfm
  2. Inlet temperature: \_\_\_\_\_ °F
  3. Outlet temperature: \_\_\_\_\_ °F
  4. Flow direction:     Counter-current     Cross-current     Concurrent
- E. Scrubbing Liquid:
1. Liquid injection rate:    Minimum: \_\_\_\_\_ gpm    Maximum: \_\_\_\_\_ gpm
  2. Percent recirculated: \_\_\_\_\_ %
  3. Make-up rate: \_\_\_\_\_ gpm
  4. Liquid scrubbing medium: \_\_\_\_\_
  5. Normal liquid pH: \_\_\_\_\_ s.u.
  6. Are extra nozzles readily available?     Yes     No
  7. How is the scrubbing liquid disposed of? \_\_\_\_\_

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<b>2. Scrubber Data (continued)</b>
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- F. Venturi Data:
1. Venturi throat type:       Fixed                       Variable
  2. Inlet area: \_\_\_\_\_ ft<sup>2</sup>
  3. Throat area: \_\_\_\_\_ ft<sup>2</sup>
  4. Throat velocity: \_\_\_\_\_ ft//sec
- G. Packed Tower Data:
1. Packing type (rings, saddles, etc.): \_\_\_\_\_
  2. Surface area: \_\_\_\_\_ ft<sup>2</sup>
  3. Packing depth: \_\_\_\_\_ ft
- H. Tray Tower Data:
1. No. of trays: \_\_\_\_\_
  2. Type of trays: \_\_\_\_\_
- I. Mist Eliminator Data (if applicable):
1. Mist eliminator type:
 

<input type="checkbox"/> Chevrons	<input type="checkbox"/> Mesh or Woven Pads
<input type="checkbox"/> Tube Banks	<input type="checkbox"/> Cyclone
<input type="checkbox"/> Other: _____	
  2. Filter area: \_\_\_\_\_ ft<sup>2</sup>
  3. Efficiency: \_\_\_\_\_ %
  4. Controlling the following pollutant(s): \_\_\_\_\_