Source Category

Source: Semiconductor Fabrication - Solvent Cleaning Stations

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Class: All
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Determination

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<th>POLLUTANT</th>
<th>BACT</th>
<th>TYPICAL TECHNOLOGY</th>
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<tr>
<td></td>
<td>1. Technologically Feasible/ Cost Effective</td>
<td>1. Collection System Vented to Incinerator or Carbon Adsorption System&lt;sup&gt;a&lt;/sup&gt;</td>
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<td>2. Achieved in Practice</td>
<td>2. BAAQMD Approved Design and Operation&lt;sup&gt;a&lt;/sup&gt;</td>
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<tr>
<td>POC</td>
<td>1. Enclosure of solvent station, and vent to abatement system w/ capture/destruction efficiency ≥90% or VOC outlet concentration ≤10 ppm&lt;sup&gt;a&lt;/sup&gt;</td>
<td>1. Collection System Vented to Carbon Adsorption System&lt;sup&gt;a&lt;/sup&gt;</td>
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<td>2. Compliance with BAAQMD Reg. 8, Rule 30, and all solvent station reservoirs, sinks, and containers shall be provided with a cover and have a freeboard ratio &gt;1.0&lt;sup&gt;a&lt;/sup&gt;</td>
<td>2. BAAQMD Approved Design and Operation&lt;sup&gt;a&lt;/sup&gt;</td>
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NPOC

1. Enclosure of solvent station, and vent to abatement system w/ capture/recovery efficiency ≥90% or VOC outlet concentration ≤10 ppm<sup>a</sup>

2. Compliance with BAAQMD Reg. 8, Rule 30, and all solvent station reservoirs, sinks, and containers shall be provided with a cover and have a freeboard ratio >1.0<sup>a</sup>

1. Collection System Vented to Carbon Adsorption System<sup>a</sup>

2. BAAQMD Approved Design and Operation<sup>a</sup>

References