San Joaquin Valley Unified Air Pollution Control District
Supplemental Application Form

Abrasive Blasting

This form must be accompanied by a completed Application for Authority to Construct and Permit to Operate form

<table>
<thead>
<tr>
<th>PROCESS DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Abrasive Used</strong></td>
</tr>
<tr>
<td>Manufacturer:</td>
</tr>
<tr>
<td>Material Name:</td>
</tr>
<tr>
<td>Material Type:</td>
</tr>
<tr>
<td>Density (lb/ft³):</td>
</tr>
<tr>
<td>Flow Rate (lb/hr):</td>
</tr>
<tr>
<td>Amount of Material used: lbd/day lbd/yr</td>
</tr>
<tr>
<td><strong>Blasting Type</strong></td>
</tr>
<tr>
<td>□ Confined □ Unconfined</td>
</tr>
<tr>
<td>If unconfined: □ Wet □ Dry □ Vacuum □ Hydroblasting</td>
</tr>
<tr>
<td><strong>Blasted Item</strong></td>
</tr>
<tr>
<td>Description:</td>
</tr>
<tr>
<td>Dimensions (ft):</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>EQUIPMENT DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Blasting Unit</strong></td>
</tr>
<tr>
<td>Manufacturer:</td>
</tr>
<tr>
<td>Model:</td>
</tr>
<tr>
<td>Capacity (lb):</td>
</tr>
<tr>
<td><strong>Nozzles</strong></td>
</tr>
<tr>
<td>Number of Nozzles:</td>
</tr>
<tr>
<td><strong>Compressor</strong></td>
</tr>
<tr>
<td>Manufacturer:</td>
</tr>
<tr>
<td>Model:</td>
</tr>
<tr>
<td>□ Electric □ Gasoline □ Diesel □ Natural Gas</td>
</tr>
<tr>
<td>Rating: hp</td>
</tr>
<tr>
<td>Air Flow Rate (cfm):</td>
</tr>
</tbody>
</table>
## EMISSIONS CONTROL EQUIPMENT

<table>
<thead>
<tr>
<th>Control Device</th>
<th>The control device is:</th>
<th>integral</th>
<th>not integral</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abrasive blasting takes place:</td>
<td>inside of a building</td>
<td>outside of a building</td>
<td></td>
</tr>
<tr>
<td>Emission control equipment is located:</td>
<td>inside of a building</td>
<td>outside of a building</td>
<td></td>
</tr>
</tbody>
</table>

### Bag House or Dust Collector (if applicable)

<table>
<thead>
<tr>
<th>Manufacturer:</th>
<th>Model:</th>
<th>Serial Number:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blower Power Rating:</td>
<td>___________ (hp)</td>
<td>Air Flow Rate:</td>
</tr>
<tr>
<td>Number of Bags/Filters:</td>
<td>___________</td>
<td>Total Cloth Area:</td>
</tr>
</tbody>
</table>

### Booth (if applicable)

<table>
<thead>
<tr>
<th>Manufacturer:</th>
<th>Model:</th>
<th>Serial Number:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Booth Filtration Method:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number of Filters:</td>
<td>___________</td>
<td>Size of Each Filter:</td>
</tr>
<tr>
<td>Exhaust Fan Specifications: Diameter</td>
<td>___________ in</td>
<td>Motor Rating</td>
</tr>
</tbody>
</table>

## HEALTH RISK ASSESSMENT DATA

<table>
<thead>
<tr>
<th>Operating Hours</th>
<th>Maximum Operating Schedule:</th>
<th>______ hours per day, and ______ hours per year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Receptor Data</td>
<td>Distance to nearest Residence</td>
<td>______ feet</td>
</tr>
<tr>
<td></td>
<td>Direction to nearest Residence</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Distance to nearest Business</td>
<td>______ feet</td>
</tr>
<tr>
<td></td>
<td>Direction to nearest Business</td>
<td></td>
</tr>
<tr>
<td>Stack Parameters</td>
<td>Release Height</td>
<td>______ feet above the ground</td>
</tr>
<tr>
<td></td>
<td>Stack Diameter</td>
<td>______ inches, at point of release</td>
</tr>
<tr>
<td></td>
<td>Rain Cap</td>
<td>Flapper-type</td>
</tr>
<tr>
<td></td>
<td>Direction of Flow</td>
<td>Vertically Upward</td>
</tr>
<tr>
<td>Exhaust Data</td>
<td>Flowrate:</td>
<td>______ acfm</td>
</tr>
<tr>
<td></td>
<td>Temperature:</td>
<td>______ °F</td>
</tr>
</tbody>
</table>

### Facility Location

| ☐ Urban (area of dense population) | ☐ Rural (area of sparse population) |

## FOR DISTRICT USE ONLY

<table>
<thead>
<tr>
<th>Date:</th>
<th>FID:</th>
<th>Project:</th>
<th>Public Notice:</th>
<th>Y</th>
<th>N</th>
</tr>
</thead>
</table>

| Comments: |