San Joaquin Valley Air Pollution Control District

# Supplemental Application Form

#### Painting and Coating Operations

### This form must be accompanied by a completed Authority to Construct/Permit to Operate Application form

|  |
| --- |
| PERMIT TO BE ISSUED TO: |
| LOCATION WHERE THE EQUIPMENT WILL BE OPERATED: |

## PROCESS DESCRIPTION

|  |  |
| --- | --- |
| **Painting Data** | Items painted:  Motor vehicles  Wood products  Metal parts and products  Aerospace parts  Can and coil  Other: |
| Drying Method:  Air Dried  Heat Dried  Ultra violet (UV) cured  Other: |

## EQUIPMENT DESCRIPTION

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Application Method** | HVLP  Electrostatic  Electrodeposition  Air-Assisted Airless  Rollcoat  Airless  Conventional  Brush  Other : | | | | |
| **Application Equipment**  **(as needed)** | Manufacturer: | | Model: | | |
| Manufacturer: | | Model: | | |
| Manufacturer: | | Model: | | |
| **Compressor Data** | Electric  Gasoline  Diesel  Natural Gas | Rating:       hp | | Note: If engine is rated at greater than 50 hp an *IC Engine Supplemental Application* form is required. | |
| **Paint Booth Data** | Booth type:  Closed  Open-faced  Conveyorized, total motor(s) rating       hp  None | | | | |
| Manufacturer: | | Model: | | |
| Will priming be done outside of the booth?  Yes  No | | | | |
| Booth dimensions:       ft. long x       ft. wide x       ft. high | | | | |
| Filtration method:  Dry filters  Water-wash  Oil-wash | | | | |
| Filter size (each):       in. wide x       in. high x       in. thick | | | | Quantity: |
| Exhaust fan:       in diameter,       hp,       cfm | | | | |
| If paint is heat dried, what is the burner(s) total heat input rating?       MMBtu/hr  What is the fuel type?  Natural gas  LPG  Other: | | | | |

**COATING INFORMATION**

Important Note: Material safety data sheets (MSDSs) for all coatings used must be supplied along with this form.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Coating**  **Indicate type of coating next to number, such as: Topcoat, primer, basecoat, clear coat, pre-treatment wash primer, specialty, truck bed liners, etc.** | **Manufacturer** | **Product ID or Code Number** | **Mix Ratio** | **VOC Content of each component (lb/gal)** | **VOC Content, as applied (lb/gal)** | **Maximum Usage (gal/day)** | **Maximum Usage (gal/yr)** |
| **1.** |  |  |  |  |  |  |  |
| Thinner/Reducer |  |  |  |  |  | | |
| Catalyst/Hardener |  |  |  |  |
| **2.** |  |  |  |  |  |  |  |
| Thinner/Reducer |  |  |  |  |  | | |
| Catalyst/Hardener |  |  |  |  |
| **3.** |  |  |  |  |  |  |  |
| Thinner/Reducer |  |  |  |  |  | | |
| Catalyst/Hardener |  |  |  |  |
| **4.** |  |  |  |  |  |  |  |
| Thinner/Reducer |  |  |  |  |  | | |
| Catalyst/Hardener |  |  |  |  |
| Protective Coatings/Liners |  |  |  |  |  |  |  |
| Cleanup Solvent |  |  |  |  |  |  |  |
| Surface Preparation Solvent |  |  |  |  |  |  |  |
| Do any of the proposed coatings listed above contain: chromium, nickel, lead, and/or  methylene chloride (check all that apply) | | | | | | | |

## HEALTH RISK ASSESSMENT DATA

|  |  |  |  |
| --- | --- | --- | --- |
| Operating Hours | Maximum Operating Schedule:       hours per day, and       hours per year | | |
| **Receptor Data** | Distance to nearest Residence | feet | Distance is measured from the proposed stack location to the nearest boundary of the nearest apartment, house, dormitory, etc. |
| Direction to nearest Residence |  | Direction from the stack to the receptor, i.e. Northeast or South. |
| Distance to nearest Business | feet | Distance is measured from the proposed stack location to the nearest boundary of the nearest office building, factory, store, etc. |
| Direction to nearest Business |  | Direction from the stack to the receptor, i.e. North or Southwest. |
| **Stack Parameters** | Release Height | feet above the ground | |
| Stack Diameter | inches, at point of release | |
| Rain Cap | Flapper-type  Fixed-type  None | |
| Direction of Flow | Vertically Upward  Horizontal | |
| **Exhaust Data** | Flowrate:       acfm | | Temperature:       °F |
| **Facility Location** | Urban (area of dense population)  Rural (area of sparse population) | | |