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/hrWhat 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) |