SURFACE COATING EQUIPMENT SUMMARY FORM-22

(This form must be submitted for each equipment item)

GENERAL

1. MANUFACTURER _____ MODEL _____

2. SERIAL NUMBER _____ DATE OF INSTALLATION _____
(leave blank if not installed)

3. WHERE WILL COATING(S) BE APPLIED? *(Check ✓ one)*

- ☐ Downdraft Automotive Spraybooth
- ☐ Water-Wash Automotive Spraybooth
- ☐ 3-Sided Bench Top Spraybooth
- ☐ Partially Enclosed Coating Area
- ☐ Other *(describe)* _____
- ☐ Cross-Draft Automotive Spraybooth
- ☐ 3-Sided Floor Spraybooth
- ☐ Conveyorized Spraybooth
- ☐ Open-Air Coating Area
- ☐ Semi-Downdraft Auto Booth
- ☐ Fully Enclosed Coating Area

4. COATING AREA LOCATION _____ City _____
(street address)

5. MAIN COMPOSITION OF THE PARTS AND/OR PRODUCTS THAT WILL BE COATED *(Check ✓ all that apply)*

- ☐ Metal
- ☐ Wood
- ☐ Plastic
- ☐ Fiberglass
- ☐ Building Appurtenances
- ☐ Aerospace Vehicles
- ☐ Aircraft
- ☐ Marine Vessels
- ☐ Other *(list)* _____

6. DESCRIBE THE PART(S) (PART NAME(S) AND COMPOSITION(S)) THAT WILL BE COATED

_____

_____

_____

7. FACILITY WILL BE USED FOR *(Check ✓ all that apply)*

- ☐ Commercial Part/Device Repair & Refinishing Facility
- ☐ Military Part/Device Repair & Refinishing
- ☐ Institutional (Non-Commercial Facility) Part/Device Repair & Refinishing
- ☐ Other *(describe)* _____
- ☐ Part/Device Repair & Refinishing Instructional Classes
- ☐ "Hobbyist" Part/Device Repair & Refinishing

_____ _____
*Person Completing this Form (**please print**)* *Facility (Doing Business As) Name*

_____ _____
Employed By *Date*

I, by completing this form, understand that the responses given by me to the questions asked within will be used to establish emission limits on my permit and that the responses represent the maximum design capacity of the equipment.

8. DESCRIBE THE FUNCTION(S) OF THE COATING AREA *(Check ✓ all that apply)*

☐ Part/Device Coating
☐ Part/Device Preparation
☐ Coating Mixing
☐ Part/Device Drying Area - Ambient Air Temperature
☐ Part/Device Drying Area - Heated Air
☐ Other *(describe)* _____

9. WILL THE COATING AREA BE MADE AVAILABLE FOR USE (E.G., RENTAL OR COMPLEMENTARY) BY OTHER THAN THE DEVICE'S OWNER, OPERATOR, AND/OR THEIR EMPLOYEES?

☐ No ☐ Yes ⇨ I Understand that Records of Rental and/or Complementary Use Must Be Maintained in Accordance With Applicable SBCAPCD Rule(s) and that the Emissions Associated with Such Use Must Be Included in Reports Required by the SBCAPCD Permit for the Device/Facility

★ *Submit manufacturer's literature, catalog, or equivalent information for the equipment unit* ★

SPECIFICATIONS

★ *Skip this section if coating occurs in an unconfined area* ★

10. DEVICE OVERALL OUTSIDE DIMENSIONS

Width _____ feet _____ inches Length _____ feet _____ inches Height _____ feet _____ inches

11. EXHAUST STACK OVERALL OUTSIDE DIMENSIONS

Diameter _____ inches Height Above Ground _____ feet _____ inches

12. EXHAUST FAN ELECTRIC MOTOR HORSEPOWER RATING _____ ☐ N/A - No Exhaust Fan *(Skip Question 13)*

13. EXHAUST FAN MAXIMUM AIR FLOW RATING _____ standard cubic feet per minute

14. WHEN OPERATIONAL, WILL THE DEVICE BE EQUIPPED WITH A MANOMETER OR SIMILAR INSTRUMENT CAPABLE OF INDICATING THE PRESSURE DROP ACROSS THE PARTICULATE MATTER CONTROLS (IF ANY)?

☐ No ☐ N/A - Not Equipped With Particulate Matter Controls
☐ Yes ⇨ Booth Manufacturer's Recommended Maximum Pressure Drop _____ inches of water column

PROCESS PARAMETERS

15. COATING APPLICATION METHOD(S) *(Check ✓ all that apply)*

☐ High Volume - Low Pressure (HVLP) Spray ☐ Electrostatic Spray ☐ Electrodeposition
☐ Flow Coat ☐ Dip Coat ☐ Detailing or Touch-Up Guns ☐ Roll Coater
☐ Hand Application Methods (e.g., air brush, paint brushes, hand rollers, caulking guns, trowels, spatulas, syringe daubers, rags, sponges)
☐ Other *(describe)* _____ ⇨ Enclosed are Test Data and Results Demonstrating at Least 65 Percent Transfer Efficiency in Accordance With the Test Method(s) Specified in Applicable SBCAPCD Rule(s)

16. SPRAY APPARATUS CLEANING METHOD(S) *(Check ✓ all that apply)*

- ☐ Cleaning With Materials Containing Reactive Organic Compounds
- ☐ Cleaning With Materials that Contain No Reactive Organic Compounds
- ☐ Cleaning with an Enclosed System that Totally Encloses the Spray Guns, Cups, Nozzles, Bowls, and Other Part s During Washing, Rinsing and Draining Procedures
- ☐ Pre-Rinse and Final-Rinse Cleaning of Internal Spray Gun Components that is Conducted Into a Sealable Container Using a Continuous, Fluid (Non-Atomized) Stream
- ☐ Cleaning With Equipment that Has Been Demonstrated to the Satisfaction of the Control Officer to Be as Effective as Any of the Equipment Described Above in Minimizing the Loss of ROC-Containing Materials to the Atmosphere in Accordance With the SCAQMD General Test Method for Determining Solvent Losses From Spray Gun Cleaning Systems, 3 October 1989 ⇨ Enclosed are Test Data and Results
- ☐ N/A - Spray Coating Application Methods are Not Used

17. ARE MATERIALS CONTAINING REACTIVE ORGANIC COMPOUNDS USED FOR A STRIPPER?

☐ No ☐ Yes ⇨ Maximum Reactive Organic Compound Content _____ grams per liter / pounds per gallon *(circle one)*

18. AFTER COATING, ARE THE PART(S) AND/OR DEVICE(S) PLACED IN AN OVEN OR OTHER HEATING DEVICE FOR CURING?

☐ No ☐ Yes ⇨ Attached is Completed Form APCD -13

EMISSIONS CONTROLS

★ *Skip this section if coating occurs in an unconfined area* ★

19. WHEN OPERATIONAL, EXHAUST FROM THE DEVICE WILL BE VENTED TO THE ATMOSPHERE AFTER FIRST PASSING THROUGH THE FOLLOWING TYPE(S) OF PARTICULATE MATTER EMISSION CONTROL SYSTEM(S) *(Check ✓ all that apply)*

☐ Dry Baffle Plate(s) ☐ Dry Filter - Woven Mesh or Fiberglass ☐ Dry Filter - Styrofoam/Foam
☐ Water-Wash (Wet Curtain & Spray Nozzle) ☐ None
☐ Other (describe) _____

20. WHEN OPERATIONAL, WILL EXHAUST FROM THE DEVICE BE VENTED TO THE ATMOSPHERE AFTER FIRST PASSING THROUGH A REACTIVE ORGANIC COMPOUND (ROC) EMISSIONS CONTROL SYSTEM?

☐ No ☐ Yes ⇨ Does the System Meet the Requirements of the Applicable SBCAPCD Rule(s)?

☐ No ☐ Yes ⇨ Provide Evidence of Compliance With Applicable SBCAPCD Rule

★ *Contact the APCD for additional requirements if the device is connected to an ROC emissions control system* ★

POTENTIAL TO EMIT

21. I REQUEST THAT THE EMISSION LIMITS THAT WILL APPEAR ON MY PERMIT, IF GRANTED, FOR THE PROJECT DESCRIBED IN THIS APPLICATION (THE DEVICE'S "POTENTIAL TO EMIT") BE BASED ON *(Check ✓ one)*

- ☐ The Calculations in Attachment "A" to this Application *(see page 5)*
- ☐ The Maximum Limits Allowed Without Subjecting the Project to Best Available Control Technology (24.99 Pounds Per Day & 3.26 Tons Per Year, ROC)
- ☐ Another Limit as Calculated in (a), (b), (c), and (d) below

a. Requested Pounds of ROC Emissions Per Month _____

b. Divide the Value in (a) By 21.7 (days per month) _____ pounds per day

c. Multiply the Value in (a) By 12 & Divide By 2000 _____ tons per year

d. Why did you select the value in (a)? *(Check ✓ one)*

- ☐ It is the maximum amount allowed without exceeding regulatory thresholds (BACT, offsets)
- ☐ It represents emissions based on actual historical use rates
- ☐ It represents emissions based on actual historical use rates plus/minus _____ percent
- ☐ Other *(describe)* _____

☐ Another Limit as Calculated in the Enclosed Detailed Emissions and/or Engineering Calcu lations. I Understand that Selecting this Option Will Result in More Extensive Recordkeeping and Reporting Requirements than those Contained in the Applicable SBCAPCD Rule(s)

★ *Be sure to enclose a list of as-applied VOC containing materials used at the facility* ★

BOOTH HEATING

22. BOOTH HEATING METHOD *(Check ✓ all that apply)*

- ☐ None - Booth is Not Heated Above Ambient Temperature
- ☐ Electric Heater and/or Lamps
- ☐ Natural Gas Fired Heater *(If selected, complete (a) below)*

a. Is the Heater Rated at Less than Five Million Btu's Per Hour?
☐ Yes *(If selected, complete (b) and (c) below)* ☐ No *(If selected, complete form APCD -33)*

b. Manufacturer _____ model _____

c. Maximum Heat Input Rating _____ Btu's per hour

☐ Other (Describe) _____

★ *This concludes this form. Please check that you have answered all questions and enclosed the required attachments.* ★

ATTACHMENT A
MAXIMUM MONTHLY COATING & SOLVENT USE WORKSHEET

Instructions:

1. Fill in the material class (e.g., reducer, thinner, topcoat), brand, ID number, as-applied reactive organic compound (ROC) content (pounds per gallon), and expected maximum monthly use (gallons) of each product. Please print;
2. Multiply the as-applied ROC content and the expected maximum monthly use for each product and enter the result in the emissions column;
3. Add the values in the emissions column and ente r the resultant in the total box;
4. Divide the value in the Total box by 21.7 (days per month) and enter the result here: _____ pounds per day;
5. Multiply the value in the Total box by 12, divide by 2000, and enter the result here: _____ tons per year;

MATERIAL	BRAND	ID NUMBER	AS-APPLIED ROC CONTENT (lb/gal)	MAXIMUM USE (gal/mon)	EMISSIONS (lb/month)
				TOTAL BOX	