# SURFACE COATING EQUIPMENT SUMMARY FORM-22

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

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
   - Part/Device Repair & Refinishing Instructional Classes
   - Military Part/Device Repair & Refinishing
   - ‘Hobbyist’ Part/Device Repair & Refinishing
   - Institutional (Non-Commercial Facility) Part/Device Repair & Refinishing
   - Other (describe)

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**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
    - Yes ✓
    □ N/A - Not Equipped With Particulate Matter Controls
    □ 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
    - Roll Coater
    - Detailing or Touch-Up Guns
    - 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 Parts 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

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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 *

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APCD-22 (10/7/97) PRIOR VERSIONS OBSOLETE
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 calculations. 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.

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? (If selected, complete (b) and (c) below)
  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 enter 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;

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>BRAND</th>
<th>ID NUMBER</th>
<th>AS-APPLIED ROC CONTENT (lb/gal)</th>
<th>MAXIMUM USE (gal/month)</th>
<th>EMISSIONS (lb/month)</th>
</tr>
</thead>
</table>

TOTAL BOX

TOTAL BOX

TOTAL BOX