



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

14306 Park Avenue Victorville, CA 92392-2310
760.245.1661 -- 800.635.4617 -- FAX 760.245.2022

AUTHORITY TO CONSTRUCT

S015478

If construction is not completed by the expiration date of this permit, it may be renewed for one additional year upon payment of applicable fees. Any additional extension will require the written approval of the Air Pollution Control Officer. This Authority to Construct may serve as a temporary Permit to Operate provided the APCO is given prior notice of intent to operate and the Permit to Operate is not specifically denied.

EXPIRES LAST DAY OF: FEBRUARY 2027

OWNER OF OPERATOR (Co.#3179)

On Mesquite Auto Body, Inc.
6476 Mesquite Avenue
Twentynine Palms, CA 92277

EQUIPMENT LOCATION (Fac.#4655)

On Mesquite Auto Body, Inc.
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Description:

SPRAY BOOTH, AUTOMOTIVE consisting of: A Sandoval, down draft type, 14' x 24' x 9', for a volume of 3024 cubic feet. It has two (2) 2" thick x 24" W x 24' L filters and a 3 HP motor. Facility elevation is 1983 feet above sea level.

CONDITIONS:

1. This spray booth and associated equipment shall be operated and maintained in strict accord with manufacturer's/supplier's recommendations and/or sound engineering principles which produce the minimum emissions of contaminants. Operation of this equipment shall be conducted in compliance with data and specifications submitted with the application under which this permit is issued unless otherwise noted below.

[District Rule 204]

2. All Automotive Refinishing Operations, Automotive Coatings (including diluents, thinners, etc.), Solvents, Application Methods, Surface Preparation and Cleaning Operations, and record keeping, shall comply with District Rules 442, 1116, 1303, and 1320 as applicable. These rules pertain to Usage of Solvents, Automotive Refinishing Operations, New Source Review Requirements, and New Source Review for Toxic Air Contaminants, respectively.

[District Rule 204]

Fee Schedule: 7 (h)

Rating: 1 device

SIC: 7532

SCC: 40201699

Location/UTM(Km):
587E/3777N

This permit does not authorize the emission of air contaminants in excess of those allowed by law, including Division 26 of the Health and Safety Code of the State of California and the Rules and Regulations of the District. This permit cannot be construed as permission to violate existing laws, ordinances, statutes or regulations of this or other governmental agencies. This permit must be renewed by the expiration date above. If billing for renewal fee required by Rule 301(c) is not received by expiration date above, please contact the District.

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By: **COPY**
Brad Poiriez
Executive Director

3. Exhaust filters shall be installed and maintained in a tightly mounted and dimensionally stable condition, free from excessive deposits or interference with airflow passages. The differential pressure across the exhaust filters shall be maintained within the range specified by the manufacturer's recommendations.

[District Rule 204]

4. Pursuant to Rule 1116, the owner/operator shall not apply any Automotive Coating to Motor Vehicles or Mobile Equipment or their Associated Parts and Components unless one of the following methods is used:

- a. Electrostatic Application equipment, operated with the manufacturer's recommendations; or,
- b. High Volume Low Pressure (HVLP) Spray equipment, operated in accordance with the manufacturer's recommendations.

Any alternative application method must be demonstrated to reduce emissions to a level equivalent to the above methods and to the satisfaction of the APCO, pursuant to Rule 1116, and written approval by the APCO must be obtained prior to using the alternative equipment.

[District Rule 1116]

5. Total VOC emissions from this Prep/Spray Booth shall be less than 25 pounds per day and less than 20 tons per year. To ensure that emissions remain below these limits, the total quantity of any one coating, reducer, thinner, activator, sealer, and clean-up solvent (excluding Exempt Compounds) used in this booth shall not exceed 50 gallons in any one year, nor more than 5 gallons of total usage in any one day.

[District Rule 1303(A)(1) - New Source Review Requirements for Daily Limit; District Rule 1320(3)(a) - NSR for Toxic Air Contaminants Annual Limit]

6. Total monthly VOC emissions from any materials, coatings, or solvents that are not covered by District Regulation XI or listed as exempt in 40 CFR 51.100(s)(1) shall not exceed 1,190 lbs per month.

[District Rule 442(A)(1)(a),(B)(9); 40 CFR 51.100(s)(1)]

7. The total quantity of all combined coating materials used at this Facility shall not exceed 50 gallons per year. Before this annual usage can be increased, the Facility is required to submit an application to modify the permit, which may require a Health Risk Assessment (HRA). Based on the results of the HRA, public notice and/or a commenting period may be required prior to permit issuance.

[District Rule 204; District Rule 1320; District Rule 1520]

8. Pursuant to District Rule 1116, the owner/operator shall carry out all surface preparation and cleaning operations using solvents in accordance with the following:

- a. No organic compound(s), or mixture thereof with a VOC content in excess of twenty-five (25) grams per liter (0.21 pounds per gallon) of material (excluding Exempt Compounds) shall be used for Surface Preparation;
- b. Only closed, non-absorbent containers shall be used for the storage or disposal of any solvent applicator used during Surface Preparation or Cleaning Operations (including brushes, swabs, cloth or paper);
- c. Fresh and spent solvent shall be stored in vapor tight and closed containers; and
- d. Organic compounds shall not be used for cleaning of spray equipment, including paint liners, unless an enclosed system is used. The system shall enclose spray guns, cups, nozzles, bowls, and other parts during washing, rinsing and draining procedures. Equipment used shall minimize the evaporation of organic compounds to the atmosphere.

[District Rule 204; District Rule 1116(C)(8)]

9. The daily VOC log shall be kept current and on-site for a minimum of five (5) years, and provided to District personnel upon request. (NOTE: The daily log information provides a basis for the Toxic Emission Inventory required by AB 2588 and Title III requirements)

[District Rule 204; District Rule 1116; 40 CFR 63, Subpart HHHHHH - Record retention]

10. A daily log shall be maintained of the VOCs used and/or emitted from this Facility. This log shall be kept current and on-site for a minimum of five (5) years and contain at least the following:

- a. Type of Automotive Coating or Solvent to demonstrate compliance with Condition #5 (clear coat, color coat, primer, thinner, or clean-up solvent);
- b. Mix ratio of components used in the Automotive Coating;
- c. Category of material (Coating, Solvent, etc.), its use, and its applicable VOC limit in pounds per gallon (or grams per liter), by District Rule or Rules;
- d. Manufacturer of material, manufacturer product name, and/or code number and corresponding Safety Data Sheet (SDS);

- e. Quantity of each Automotive Coating or Solvent used, and its VOC content. (Note: Units must be consistent). If quantity used is in gallons (or liters), the VOC must be in pounds per gallon (or grams per liter). Units used in items (c) and (e) must be the same;
 - f. Quantity of acetone usage in gallons (or liters) per day; and,
 - g. Weekly differential pressure reading across outlet filters if a manometer is installed.
- [District Rule 204; District Rule 442; District Rule 1116; 40 CFR 63, Subpart HHHHHH - Record retention]

11. Pursuant to 40 CFR 63 subpart HHHHHH, this facility shall not spray apply coatings to metal and plastic surfaces that contain compounds of chromium (Cr), lead (Pb), manganese (Mn), nickel (Ni), or cadmium (Cd); nor, conduct any paint stripping operations on any substrate that uses methylene chloride (MeCl)-containing paint stripping formulations. Contact the MDAQMD for conditions if this facility will use coatings containing these compounds and/or MeCl for additional permits requirements.

[District Rule 204; 40 CFR 63, Subpart HHHHHH]

12. A Facility wide Comprehensive Emission Inventory (CEI) for all emitted criteria and toxic air pollutants must be submitted to the District, in a format approved by the District, upon District request.

[District Rule 107(b); H&S Code 39607 & 44341-44342; 17 CCR 93400 et seq.; 40 CFR 51, Subpart A]