



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

PERMIT TO OPERATE

S012180

Operation under this permit must be conducted in compliance with all information included with the initial application, initial permit condition, and conditions contained herein. The equipment must be maintained and kept in good operating condition at all times. This Permit to Operate or copy must be posted on or within 8 meters of equipment. If a copy is posted, the original must be maintained on site, available for inspection at all times.

EXPIRES LAST DAY OF: NOVEMBER 2026

OWNER OF OPERATOR (Co.#3090)

Master Techs Group
2521 West Main Street
Barstow, CA 92311

EQUIPMENT LOCATION (Fac.#2227)

Master Techs Group
2521 W. Main Street
Barstow, CA 92311

Description:

SPRAY BOOTH, AUTOMOTIVE consisting of: A Zahonga booth measuring 13' wide by 22' long by 10' high. This unit is equipped with five (5), first-stage, exhaust filters measuring 30" wide by 22' long by 2" thick and one (1), second-stage, exhaust filter measuring 30" wide by 30" long. This booth is equipped with a 18" exhaust fan powered by a 10 bhp motor moving approximately 6,474 cfm of air flow. Facility elevation is 2206 feet above sea level.

CONDITIONS:

1. This equipment shall be installed, operated and maintained in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of contaminants. Unless otherwise noted, this equipment shall also be operated in accordance with all data and specifications submitted with the application for this permit.
[District Rule 1302(C)(2)(a)]
2. All Automotive Refinishing Operations, Automotive Coatings (including diluents, thinners, etc.) Solvents, Application Methods, Surface Preparation & 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 1302(C)(2)(a)]

Fee Schedule: 7 (h)

Rating: 1 device

SIC: 7532

SCC: 40200201

Location/UTM(Km):
498E/3862N

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**
Eldon Heaston
Air Pollution Control Officer

3. Discharge 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 discharge filters shall be maintained within the recommendations by the manufacturer's specifications.

[District Rule 1302(C)(2)(a)]

4. Pursuant to Rule 1116, the owner/operator shall 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 (HVLV) Spray equipment, operated in accordance with the manufacturer's recommendations.

Any alternate Coating applications must be demonstrated to the satisfaction of the APCO pursuant to Rule 1116, and which written approval of the APCO has been obtained.

[District Rule - Automotive Refinishing Operations]

5. Pursuant to MD Rule 1116, the owner/operator shall carry out all surface preparation and cleaning operations in accordance with the following;

A. Shall not use Organic compound(s), or mixture thereof, (excluding Exempt Compounds) for Surface Preparation with a VOC content in excess of twenty-five (25) grams per liter (0.21 pounds per gallon) of material.

B. Shall use closed, non-absorbent containers for the storage or disposal of any applicator (including brushes, swabs, cloth or paper) used for solvent Surface Preparation and Cleaning Operations.

C. Shall store fresh or spent solvent in vapor tight and closed containers.

D. Shall not use organic compounds for Cleaning Operations 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 1116]

Note: The use of acetone as a surface preparation and cleaning solvent is exempt from the above requirements.

6. Total VOC emissions from this Automotive Refinishing Operation shall be less than 25 pounds per day.

[District Rule 1303 - New Source Review Requirements]

7. The owner/operator shall maintain a log containing at least the following:

A. Equipment by permitted number, or name of operation for unpermitted equipment, that uses material containing VOC.

B. Type 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.

C. Manufacturer of material, manufacturer product name, and/or code number.

D. Quantity of each Automotive Coating, 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 item B and D must be the same.

E. Copies of the Environmental Data Sheet and/or Material Safety Data Sheet (MSDS) for each coating, diluents, thinner, and solvent used.

[District Rule 1116 - Automotive Refinishing Operations]

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

[District Rule 1116 - Automotive Refinishing Operations]

9. The owner/operator shall not use any Motor Vehicle or Mobile Equipment Coating that contains hexavalent chromium or cadmium. Compliance with this condition shall be verified by retention of MSDS sheets (or equivalent documentation of chemical content) for applicable coating used at the facility for two (2) years, and provision of said information to District, State, or federal personnel upon request.

[Title 17 CCR 93112 - Airborne Toxic Control Measure for Emissions of Hexavalent Chromium and Cadmium from Motor Vehicle and Mobile Equipment Coatings]

10. 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 use methylene chloride (MeCl)-containing paint stripping formulations. Contact the MDAQMD if this facility will use the above toxic metal and/or MeCl for additional permits requirements.
[40 CFR 63, Subpart HHHHHH]

11. 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, and 40 CFR 51, Subpart A]