



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

S015294

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: MARCH 2027

OWNER OF OPERATOR (Co.#2273)

CarMax Auto Superstores, Inc
12800 Tuckahoe Creek Parkway
Richmond, VA 23238

EQUIPMENT LOCATION (Fac.#4561)

CarMax #4046
12946 & 13010 Rancho Road
Adelanto, CA 92301

Description:

SPRAY BOOTH, AUTOMOTIVE consisting of: One (1) Automotive Spray Booth, manufactured by Global Finishing Solution, Model Ultra XD Downdraft, Serial Number TBD, 15' x 27.5' x 11', with one downdraft GFS Wave Filter, 24' x 30" x 2", and one (1) 7.5 HP Exhaust Fan. Facility elevation is 2929 feet above sea level.

CONDITIONS:

1. This spray booth and associated equipment shall only 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 & 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: 5511

SCC: 40201699

Location/UTM(Km):
464E/3824N

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.

CarMax Auto Superstores, Inc
12800 Tuckahoe Creek Parkway
Richmond, VA 23238

By: **COPY**
Eldon Heaston
Air Pollution Control Officer

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 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 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 1116 - Automotive Refinishing Operations]

5. Total VOC emissions from this Spray Booth shall be less than 25 pounds per day. The total VOC emissions from this facility shall be less than 20 tons per year. To ensure that emissions remain below these limits, the total quantity of all coatings, reducers, thinners, activators, sealers, and clean-up solvents (excluding Exempt Compounds) used in this booth shall not exceed 1,050 gallons in any one year, nor 9 gallons in any one day.

[District Rule 1303 - New Source Review Requirements]

6. The total quantity of all combined coating materials used at this facility shall not exceed 1,050 gallons per year. Before this annual usage can be increased, the facility is required to submit to the District an application to modify the permit, which may require a Health Risk Assessment (HRA). In addition, public notice and/or a commenting period may be required.

[District Rule 1320 - New Source Review for Toxic Air Contaminants]

7. Pursuant to MD Rule 1116, the owner/operator shall carry out all surface preparation and cleaning operations 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 Surface Preparation and Cleaning Operations solvent applicator (including brushes, swabs, cloth or paper);
- c. Fresh or 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 1116 - Automotive Refinishing Operation]

8. A daily log shall be maintained of the VOCs used and/or emitted from this facility. The log shall contain at least the following:

- a. Automotive Coatings and mix ratio of components used in the Automotive Coating;
- 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 and corresponding Safety Data Sheet (SDS);
- 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 items b and d must be the same;
- e. Quantity of acetone usage in gallons (or liters) per day; and
- f. Weekly differential pressure reading across outlet filters.

[District Rule 442 - Usage of Solvents and District Rule 1116 - Automotive Refinishing Operations]

9. The daily VOC log shall be kept current, on-site for a minimum of two (2) years, retained for 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 1116 - Automotive Refinishing Operations]

10. The owner/operator (o/o) shall not use any Motor Vehicle or Mobile Equipment Coating that contains hexavalent chromium or cadmium. Compliance with this conditions shall be verified by retention of SDS sheets (or equivalent documentation of chemical content)

for applicable coatings used at the facility for two (2) years, and shall be made available 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]

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 use 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.

[40 CFR 63, Subpart HHHHHH]

12. A facility wide Comprehensive Emission Inventory Report (CEIR) 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), Health & Safety Code 39607 & 44341-44342, 17 CCR 93400 et seq., and 40 CFR 51, Subpart A]