MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT
14306 Park Avenue Victorville, CA 92392-2310
760.245.1661 -- 800.635.4617 -- FAX 760.245.2022

RENEWAL

S008394

Renewal type Permit has no description information.

EXPIRES LAST DAY OF: NOVEMBER 2026

OWNER OF OPERATOR (Co.#87)

Commanding Officer, MCLB Barstow, CA
Box 110570 Bldg 196 Attn: Air Program Manager
Barstow, CA 92311-5050

EQUIPMENT LOCATION (Fac.#587)

USMC MCLB - Yermo Annex
USMC Logistics Base
Barstow, CA 923115013

Description:
BASE COAT BOOTH (NO. 8, BLDG 634) WITH CURING OVEN consisting of: One 12 feet high by 20 feet wide by 35 feet long booth, TECD201235PSB, with 40 intake filters, each 20 inches x 20 inches and two stage exhaust filtration (40 exhaust filter pads and bag filters, each 20 inches x 20 inches), with total air flow of 24,000 cfm. One 120 degree Fahrenheit curing oven, 12 feet high by 16 feet 6 inches wide by 24 feet long, TECD, heated by 1 MMBtu/hr natural gas heater, with 360 cfm of exhaust, 1584 cfm of exhaust purge and 23,760 cfm of circulation air. Facility Elevation is 1964 ft above MSL.

CONDITIONS:

1. This equipment shall be installed, operated and maintained in strict accordance with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air 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(B)(1)(a)]

2. All coatings, diluents, thinners and solvents used within this paint booth shall comply with District Rules 442, 1113, 1114, and 1115, 1116, and 1118 in their entirety as applicable. These rules pertain to Usage of Solvents, Architectural Coatings, Wood Products Coatings, and Metal Parts & Products Coatings Operations, Automotive Refinishing Operations, and Aerospace Assembly, Rework and Component Manufacturing Operations.
[District Rules 442, 1113, 1114, 1115, and 1116, and 1118]

Fee Schedule: 7 (h) | Rating: 1 device | SIC: 9711 | SCC: 40299998 | Location/UTM(Km): 512E/3861N

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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Box 110570 Attn: Air Program Manager
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By: **COPY**
Brad Poiriez
Executive Director

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3. The owner/operator (o/o) shall maintain an operations log for this spray booth current and on-site (or at a central location) for a minimum of five (5) years. This log shall be provided to District, State or Federal personnel upon request and shall include, at a minimum, the following information (NOTE: The daily log information provides a basis for the Toxic Emission Inventory required by AB 2588.):
a. Type and VOC limit under each applicable rule for each coating and solvent used (preparation, thinning, cleanup or other);
b. Quantity used (in gallons) and VOC content (in pounds per gallon or grams per liter) for each type of coating and solvent used;
c. The equipment used, the method of application, and the type of substrate for each use;
d. Total VOC emissions for each day and month of operation, total VOC emissions for each rolling twelve month period, and 30-day rolling average emissions of non-VOC organic solvents; and,
e. Differential pressure readings across the exhaust filters.
[District Rule 1302(B)(1)(a); 40 CFR 70.6(a)(3)(ii)(b)]

4. The owner/operator shall not use an application method other than HVLP spray guns, hand-held Aerosol Coating Products or Hand Application methods unless prior written approval is obtained from the District.
[District Rules 442, 1113, 1114, 1115, 1116, and 1118]

5. Coating or solvent use shall not occur within this booth, and curing shall not occur within this curing oven, without the enclosure being vented to the air pollution control system under valid District permit C008397.
[District Rule 1302(B)(1)(a)]

6. Discharge filters shall be installed and maintained in a tightly mounted and dimensionally stable condition, free from excessive deposits or interference with air flow passages. Differential pressure drops across the discharge filters shall be maintained between 0.25 and 2.5 inches of water column as currently recommended by the manufacturer: If a change in any filter type requires a modification to this range, the District shall be notified in writing prior to the change.
Note: Currently, isocyanate emissions are not specifically regulated. However, the facility may be required to file a Toxics Emissions Inventory and/or conduct a Health Risk Assessment. Based on the Risk Assessment, control of the emissions may be required.
[District Rules 1302(B)(1)(a) and 1320]

7. The o/o shall not use any motor vehicle or mobile equipment coating that contains hexavalent chromium or cadmium. Compliance with this condition shall be verified by the retention of MSDS sheets (or equivalent documentation of chemical content) for every applicable coating used at the facility for five (5) years, and provision of said information to District, State or Federal personnel upon request.
[District Rule 1302(B)(1)(a), 17 CCR 93112 - Airborne Toxic Control Measure for Emissions of Hexavalent Chromium and Cadmium from Motor Vehicle and Mobile Equipment Coatings]

8. 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]

9. This equipment, combined with emissions from units permitted under Permit numbers C008397 and C009623 (the entire Paint and Undercoat Facility) shall not emit more than 3098 pounds of VOCs into the atmosphere in any one consecutive twelve (12) month period. Compliance with this condition shall be verified through reaction chamber temperature and VOC release records, calibrated with initial capture efficiency source test results and annual destruction efficiency demonstrations.
[District Rule 1302(B)(1)(a)]

10. The oven shall be fired on utility grade natural gas.
[District Rule 431]

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.
[Rule 107(b), HSC 39607 and 44341-44342, 40 CFR 51, Subpart A]