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

RENEWAL

S004558

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:
PAINT SPRAY BOOTH (BLDG 573, AREA 18, BOOTH no. 1) consisting of: A modified Golden West Mfg. model # 2060 measuring 20 feet wide x 60 feet long x 18 feet high, with an associated hot water heated drying oven. Total air flow is 36,000 acfm, with 13,000 acfm being recirculated back into the booth and 23,000 acfm flowing to the thermal oxidizer described in District Permit C010858. A total of 72 exhaust filters, each measuring 20 inches by 20 inches

EQUIPMENT

Capacity	Equipment Description
0	Dimensions: 18 ft. h x 20 ft. w x 60 ft. l
0	Golden West Model No. 2060 (modified)
0	Intake filters: 64, each 20 in. x 20 in. x 2 in.
0	Exhaust filters: 72, each 20 in. x 20 in., Air Technologies, Inc. high efficiency
0	Total Air Flow Rate: 36,000 cfm; 23,000 cfm to APC device, pressure drop range: 0.25 in. - 2.5 in. H20 (C010858) and 13,000 cfm re-circulated to the booth by two 18 in. variable frequency drive fans.
0	Ancillary to this is oven No. 1, which is described as a Benco Products, Inc. model CPD-12F-CS.
0	The oven is 35 ft. x 21 ft. x 19 ft. h. The oven is steel with galvanized wall panels, doors, and roof. The oven has doors at either end to allow for equipment entering and/or leaving.
0	This oven is used to dry freshly coated tactical vehicles/equipment. The oven is heated using 402 deg. F hot water at 250 psig. Heat exchangers with the hot water transmitted by heating plant no. 5, are about 1680 sq. ft. of surface area in the oven.
0	The oven is equipped with a temperature controller and a dial thermometer. Air is circulated by means of a 15,000 ACFM blower powered by a 15 hp electric motor.

Fee Schedule: 7 (h) Rating: 1 device SIC: 9711 SCC: 40202599 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.

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

By: **COPY**
Brad Poiriez
Executive Director

UNOFFICIAL

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 be operated in accordance with all data and specifications submitted with the application under which this permit is issued.
[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]

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); Rule 1203(D)(1)(d)(ii)]

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 without the enclosure being vented to the air pollution control system under valid District permit C010858.
[Solvent usage not subject to District Regulation XI limits shall be compliant with Facility VOC and non-VOC solvent emissions limitations as defined in District Rule 442.
[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 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 five (5) 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]

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. 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]