



**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**

S002204

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.#88)**

NAWS  
429 E Bowen Road - Stop 4014  
China Lake, CA 93555-6108

**EQUIPMENT LOCATION (Fac.#567)**

NAWCWD Test Stands  
429 E Bowen Road - Stop 4014  
China Lake, CA 935556108

**Description:**

(WEAPONS SURVIVABILITY LAB, BLDG 31198) consisting of: A custom manufactured building measuring 16 ft by 18 ft by 34 ft high. There are 60 inlet filters and 60 outlet filters. Each filter is 20 inches square and 1 inch thick. The pressure drop across the exhaust filters is designed for 0.5-2.0 inches of water column with 2 fans drawing a total of 28,800 ACFM. The spray booth is equipped to apply either HVLP spray coatings or powder coatings.

**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 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 204]
2. All coatings, diluents, thinners and solvents used within this paint booth shall comply with District Rules 442, 1113, 1114, and 1115 in their entirety. These rules pertain to Photochemically Reactive Solvents, Architectural Coatings, Wood Products Coatings, and Metal Parts & Products Coatings Operations. [District Rules 442, 1113, 1114, 1115, and 1116]
3. The owner/operator shall maintain an operations log for this paint booth current and on-site (or at a central location) for a minimum of five (5) years, and this log shall be provided to District, State and Federal personnel upon request. The log shall include, at a minimum,

Fee Schedule: 7 (h)

Rating: 1 device

SIC: 9711

SCC: 40202501

Location/UTM(Km):  
450E/3946N

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.

NAWS  
Environmental Management Division  
China Lake, CA 93555-6108

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

the information specified below:

- (a) Equipment used to apply each coating and the type of substrate being coated;
  - (b) Type of coating used and its VOC limit under each applicable rule;
  - (c) Quantity of coating used and its VOC content (in pounds per gallon or grams per liter);
  - (d) Total amount of VOC emissions for each day's operations;
  - (e) Total amount of VOC emissions for each rolling consecutive twelve-month period;
  - (f) Total daily use of non-VOC organic solvent in lb/day;
  - (g) Thirty day rolling average of non-VOC organic solvent used in lb/month; and
  - (h) Differential pressure readings across the exhaust filters.
- [District Rules 204 and 442; 40 CFR 70.6(a)(3)(ii)(b)]

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

5. 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 0.01 and 0.15 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 204 and 1320]

6. The total amount of VOCs emitted from this paint booth shall not exceed 20 pounds per day. Furthermore, the total amount of VOCs emitted from this paint booth shall not exceed more than 4,000 pounds per rolling consecutive twelve month period.  
[District Rule 204]

7. The owner/operator shall not use any motor vehicle or mobile equipment coating that contains hexavalent chromium or cadmium as discussed in 17 CCR 93112 - Airborne Toxic Control Measure for Emissions of Hexavalent Chromium and Cadmium from Motor Vehicle and Mobile Equipment Coatings). 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 these shall be provided to District, State or Federal personnel upon request.  
[District Rule 1116; 17 CCR 93112]

8. A facility wide Comprehensive Emission Inventory (CEI) Plan and Report 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]