



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

S003724

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: DECEMBER 2025

OWNER OF OPERATOR (Co. #970)

Lockheed Martin Aeronautics Co.
1011 Lockheed Way
Palmdale, CA 93599

EQUIPMENT LOCATION (Fac. #984)

Lockheed - Helendale
17452 Wheeler Road
Helendale, CA 92342

Description:

PAINT SPRAY BOOTH (BLDG 943 HANGAR) consisting of: 10,000 sq ft building with 8,000 sq ft for painting, two (2) 60,000 cfm inlet blowers and two (2) 65,000 cfm each exhaust fans

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.
2. All coatings used with this equipment shall comply with applicable District Rules 1114 (Wood Product Coatings), 1115 (Metal Products Coatings), 1116 (Automotive Refinishing Operations), 1118 Aerospace Vehicle Parts and Products Coating Operations or 442 (Usage of Solvents).
3. Equipment shall not be operated unless all exhaust air passes through a USEPA Test Method 319 certified bag type exhaust filter. Documentation that filters used in this equipment meet these requirements shall be made available to District personnel upon request.
4. A daily log shall be maintained of the VOC's used and/or emitted from this facility. The log shall contain at least the following:
 - a. Equipment by permitted number, or name of operation for unpermitted equipment, that uses material that contain VOC.
 - b. Type of material, its use, the applicable District Rule or Rules and VOC limit in pounds per gallon (or grams per liter).
 - c. Manufacturer of material, manufacturer product name, and/or code number.

Fee Schedule: 7 (i)

Rating: 1 device

SIC: 9641

SCC: 40202406

Location/UTM(Km): 473E/3852N

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.

Lockheed Martin Aeronautics Co.
1011 Lockheed Way

Palmdale, CA 93599

By: **COPY**
Brad Poiriez
Air Pollution Control Officer

- d. Quantity of each 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. VOC emissions, calculated on a calendar month basis and totaled for each twelve-month calendar year period to verify compliance with condition 9.
- f. HAP emissions, calculated on a calendar month basis and totaled for each twelve-month calendar year period to verify compliance with condition 9.
- g. Quantity of acetone usage in gallons (or liters) per day.
- h. Copies of the Environmental Data Sheet and/or Material Safety Data Sheet (MSDS) for each coating, diluents, thinner, and solvent used.
- i. Differential pressure across outlet filters, required only on days when booth is in operation.
- j. The owner/operator may record, on a monthly basis, for surface preparation and cleaning solvents- the name and manufacturer, amount used (in gallons) and weight percentage.

Such records shall be retained and available for inspection by the APCO for a minimum of five (5) years.

[District Rule 1118(E)]

5.The owner/operator (o/o) shall not use any motor vehicle or mobile equipment coating that contains hexavalent chromium or cadmium (Section 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 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.

6.Discharge filters shall be installed and maintained in a tightly mounted and dimensionally stable condition, free from excessive deposits or interference with airflow passages.

[District Rule 204]

7.A gauge shall be maintained to indicate, in inches of water, the static pressure differential across the exhaust filters. When in operation, the pressure differential shall not exceed one inch of water column above the baseline reading. The initial baseline reading shall be taken upon start-up after all filters are changed and are properly mounted. The baseline value shall be recorded and available to the District upon request.

8.This facility is subject to the requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAP) known as a Maximum Achievable Control Technology (MACT) for emissions of Hazardous Air Pollutants (HAP) from Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources, Title 40 CFR 63 subpart HHHHHH (6Hs) and the California Airborne Toxic Control Measure (ATCM) for Emissions of Hexavalent Chromium and Cadmium from Motor Vehicle and Mobile Equipment Coatings. In the event of conflict among these conditions, District Rule and Regulations, this MACT, and this ATCM, the most stringent requirements shall govern.

9.This facility shall not emit more than:

- a. 8 tpy of a single HAP;
- b. 20 tpy of all HAPs;
- c. 20 tpy of VOC;
- d. 14.9 tpy of PM10; and,
- e. 20 tpy of NOx.

Compliance with these limits shall be demonstrated using rolling 12 month average emission summaries. A current rolling twelve month emission summary shall be made available to District personnel upon request.

[District Rule 1302]

10.To demonstrate compliance with the specified emissions limits, the facility shall calculate:

- a. VOC emissions, calculated on a calendar month basis and totaled for each 12 month calendar year.
- b. NOx emissions, calculated on a calendar month basis and totaled for each 12 month calendar year.
- c. PM10 emissions, calculated on a calendar month basis and totaled for each 12 month calendar year.
- d. HAP emissions, calculated on a calendar month basis and totaled for each 12 month calendar year.

[District Rules 1302 and 1320]

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]