



**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**

C004795

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: MARCH 2027**

**OWNER OF OPERATOR (Co.#447)**

3M Company  
8981 State Highway 395  
Hesperia, CA 92345

**EQUIPMENT LOCATION (Fac.#1247)**

3M Oak Hills  
8981 State Highway 395  
Hesperia, CA 92345

**Description:**

ELECTROSTATIC PRECIPITATOR (SMOG HOG) consisting of: Smog Hog, Model SG-4S-AH-M, manufactured by United Air Specialists, Cincinnati, Ohio. Collects emissions from Oven No. 47, or Oven No. 100 and 101; and, serves Stack No. 1 & Stack No. 2.

**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 in a manner consistent with good air pollution control practice for minimizing emissions. 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. The owner/operator (o/o) shall comply with all applicable rules and regulations of the District. Applicable rules include, but are not limited to, the following: 401, 402, 403, 442, 430, and 1168.

[District 204]

3. This unit shall operate concurrently with 54" Oven (Oven No. 47), under permit B003198, when product is being dried. This unit shall operate concurrently with 60" Line Make and Size Ovens (Oven No. 100 and 101), under Permit B007903, when a low VOC containing coating is being dried and the catalytic oxidizer is not used to control emissions. Low VOC products contain less than 5.0% VOC by weight.

Fee Schedule: 7 (h)

Rating: 1 device

SIC: 3291

SCC: 30503706

Location/UTM(Km):  
473E/3808N

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.

3M Company  
8981 State Highway 395  
Hesperia, CA 92345

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

[District Rule 1303]

4. The total amount of volatile organic compounds (VOC) emitted from this facility shall be less than 24.9 tons in any consecutive twelve (12) month period, verified on a rolling twelve (12) month basis assuming a minimum capture efficiency of 95 percent and minimum destruction efficiency of 95 percent for those vapors directed to the catalytic oxidizer (C007904). If a higher capture efficiency and destruction efficiency is used for the catalytic oxidizer, it must be proven as achieved using the most recent and approved compliance test as required by District Permit C007904.

[District Regulations XII and XIII]

Additionally, the total amount of VOC emitted to atmosphere (excluding VOC vented to the control device permitted under C007904) from this facility shall be no more than 1,190 pounds per month, verified on a rolling twelve (12) month summary.

[District Rule 442]

5. This facility shall not emit more than 9.9 tons per year of a single HAP and 24.9 tons per year of all HAPs. To ensure compliance, the owner/operator shall calculate and record the annual emissions of Federal Hazardous Air Pollutants (HAPs) in tons per year (tpy) on a calendar year basis (January 1 through December 31). The list of HAPs can be found in Section 112(b)(1) of the Federal Clean Air Act or at web site: <https://www.epa.gov/haps/initial-list-hazardous-air-pollutants-modifications>.

[District Regulations XII and XIII]

6. The owner/operator (o/o) shall maintain current and on-site for a minimum of two (2) years an operational log. This log shall be provided to District personnel on request and shall include at a minimum the following information:

(a) A record of repairs and maintenance on this equipment.

[District Rule 1302]

7. 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]