



## 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

C008519

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 2024**

#### OWNER OF OPERATOR (Co.#341)

Sherwin-Williams Company, The  
12401 Industrial Blvd  
Victorville, CA 92392

#### EQUIPMENT LOCATION (Fac.#1003)

Sherwin-Williams Company, The  
12401 Industrial Blvd  
Victorville, CA 92392

#### Description:

BIOFILTRATION SYSTEM consisting of: BioReaction Industries, LLC Bio-AirVent induced draft (100 hp motor driving a New York Blower ACF/PLR Class IV fan generating 30,000 ACFM) biofiltration system, employing a heated wet biological trickling scrubber and compost-based bioreactor in series. Individual equipment ratings are specified on other permits.

#### EQUIPMENT

Capacity	Equipment Description
100	Primary Biofilter Fan (25,000 ACFM)
5.5	Biofilter Recirculation Pump (5.5 hp)
1.5	Biofilter Recirculation Pump (1.5 hp)
75	Dual Biofilter Burners (1.5 and 1.0 MMBtu/hr)

#### CONDITIONS:

1. This equipment shall be operated and maintained in strict accord with the recommendations of its manufacturer or supplier and/or sound engineering principles.

2. Operation of this equipment shall be operated in compliance with all data and specifications submitted with the application under which this permit is issued unless otherwise noted below.

Fee Schedule: 7 (h)

Rating: 1 device

SIC: 2851

SCC: 30101401

Location/UTM(Km):  
474E/3815N

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.

Sherwin-Williams Company, The  
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Victorville, CA 92392

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

3. The exhaust from the dust collectors under valid District permits C002246 and C009771 shall be ducted to this device.

4. The owner/operator shall institute a program of inspection and maintenance which includes at a minimum the following information:

- a. Date of inspection,
- b. Indication that the boiler is in an operational state,
- c. The boiler water pressure,
- d. The boiler Water inlet temperature,
- e. The boiler discharge temperature,
- f. The sump conductivity,
- g. The inlet air temperature,
- h. The scrubber water usage,
- i. The water level in the trickling tank,
- j. Indication of any necessary repair(s) and the action taken to conduct repair(s).

This program of inspection and maintenance must be conducted at least weekly, and documentation of this program must be provided to the District upon request.

5. Emissions from this facility shall not exceed:

- a. 12 tons/year of PM10, based on a rolling twelve month basis; and
  - b. 1,190 pounds of VOC emissions per month, based on a rolling twelve-month basis; and
  - c. 8 tons per year for any single HAP and 20 tons per year for any combination of HAPs, calculated on a rolling twelve-month basis.
- HAPs defined in Section 112(b) of the Federal Clean Air Act, see <http://www.epa.gov/ttn/atw/orig189.html>).  
[District Rules , 1303 - Requirements and 1320 - NSR for Toxic Air Contaminants]

6. The owner/operator of this facility shall maintain an operations log current and on-site for two (2) years, and shall be provided to District personnel upon request. This log shall demonstrate compliance with the VOC limit designated in condition 5, and the HAP limit designated in condition 6, using a District-approved method, with at least the last two years of monthly emissions summaries maintained for a minimum of two years and provided to District, State or Federal personnel upon request.

7. The owner/operator shall, at least every twelve (12) months, conduct compliance tests at the biofilter comparing VOC emissions at the inlet and actual VOC emissions exhausted to the atmosphere from this device to determine VOC concentrations at high VOC loading and corresponding destruction efficiencies, in accordance with the MDAQMD Compliance Test Procedural Manual. Two destruction efficiencies shall be established from this compliance testing, one representing non-acetone-containing products, and the other representing acetone-containing products. In addition, during the compliance testing each test must be conducted while manufacturing the products with the highest VOC content for establishing the non-acetone product destruction efficiency, and the products with the highest acetone content for establishing the acetone-containing product destruction efficiency. VOC concentrations shall be determined in accordance with USEPA Test Methods 25, 25A or 25B, with USEPA Test Method 18 or CARB method 422 used to determine exempt compound concentrations. Test results shall be submitted to the District no later than forty-five (45) days after the test date.

8. Compliance with the facility wide VOC limit of 1,190 pounds per month shall be demonstrated based on the most recent destruction efficiency test results. Only non-acetone-containing products can claim the destruction efficiency for non-acetone-containing products, and only acetone-containing products can claim the destruction efficiency for acetone-containing products, or all products can claim the lowest destruction efficiency.

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.  
[District Rule 107(b); H&S Code 39607 & 44341-44342; and 40 CFR 51, Subpart A]