



**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**

C010542

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: FEBRUARY 2027**

**OWNER OF OPERATOR (Co.#102)**

Elementis Specialties, Inc.  
31763 Mountain View Road  
Newberry Springs, CA 92365

**EQUIPMENT LOCATION (Fac.#221)**

Elementis Specialties - Mt. View Rd  
31763 Mountain View Road  
Newberry Springs, CA 92365

**Description:**

BAGHOUSE, SPRAY DRYER 2 consisting of: IAC dust collector equipped with (256) 6.25 inch diameter, 120 inch length bags, for a total of 4,155 sq foot area. 100 hp exhaust blower generates 15,000 cfm of flow with an air/cloth ratio of 3.6:1. Normal differential pressure across the bags is 2 to 10 inches water column as measured by integral manometer. Facility elevation is 1836 feet above sea level.

**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. 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 1302]
2. This equipment shall be operated concurrently with Spray Dryer #2 operating with valid District permit B010541.  
[District Rules 204 & 1303]
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Weekly reading of baghouse pressure drop, date and value;
  - b. Monthly baghouse stack observation date and result, using EPA Method 22 (and EPA method 9 if Method 22 detects visible

Fee Schedule: 7 (h)

Rating: 1 device

SIC: 1499

SCC: 30504099

Location/UTM(Km):  
529E/3854N

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.

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

emissions. In lieu of Method 9, o/o may cease operations until deficiencies contributing to opacity are corrected.);

c. Annual bag and bag suspension system inspection date and results;

d. Date of bag replacements; and,

e. Date and nature of any system repairs.

[District Rules 1303]

4. This baghouse shall not discharge more than 1.29 pounds per hour, and no more than 5.63 tons of PM10 at a maximum concentration of 0.01 grains/dscf at the operating conditions given in the above description. Compliance verification to be achieved by record keeping using flow rate, hours of operation, and default emission factor of 0.01 gr/dscf. This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.

[District Rules 1303(A) and 404]

5. The integral baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than 7 percent opacity.

[Table 2 of 40 CFR 60, Subpart OOO]

6. This baghouse shall be equipped with a device to measure the pressure differential across the bags (manometer).

[District Rule 1303(A)]

7. The o/o shall maintain on-site a minimum inventory of replacement bags for the integral dust collector that assures compliance with these conditions and District Rules and Regulations.

[District Rule 1303(A)]

8. This facility shall emit less than the following on a calendar year basis;

Oxides of Nitrogen (NOx) - 24.9 tons,

Volatile Organic Compound (VOC) - 24.9 tons,

Particulate Matter less than 10 microns (PM10) - 14.9 tons, and Hazardous Air Pollutants (HAP) - 9.9 tons per year for any single HAP and 24.9 tons per year for any combination of HAPs. Compliance shall be demonstrated annually to the District through the submission of a District approved Comprehensive Emission Inventory Report (CEIR) or other District approved equivalent method. The report shall be submitted to the District upon request.

[District Rules 204 and 1303]

9. This facility is a Synthetic Minor 80 source (SM-80), therefore, it is a federally reportable facility; all applicable information shall be reported by the MDAQMD to EPA through EPA's ICIS (Integrated Compliance Information System). Information, documents, and records related to this reporting shall be provided to the MDAQMD upon request.

[District Rule 204]

10. 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]