



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

B009108

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:

SPRAY PACK & BLEND consisting of: A closed dry powder blending system with an integral dust collector (DC3715) that operates automatically in conjunction with the bag dump and dust collector (DC3721 Permit C003975) during packaging operations. The integral dust collector is a KNB dust collector equipped with 7 5" D by 42" L bags totaling 32 square feet of filter area with a 1.5 hp fan generating 166 cfm of flow (for an air to cloth ratio of 5.18:1). 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.

EQUIPMENT

Capacity	Equipment Description
2	Conveyor CN-37120
0	Transfer Point PK-37102
2	Conveyor BL-37110
2	Feeder AL-3713
2	Conveyor BL-37110
5	Silo Filling Bucket Elevator BE-3712
5	Feeder AL-3712
5	Transfer Point PK-3714
0	Hopper BE-3716
2	Conveyor DC-3715
2	Conveyor CN-37121

Fee Schedule: 1 (a)

Rating: 29 bhp

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.

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

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

Capacity	Equipment Description
0	Transfer Point CN-37121
2	Conveyor CN-37122
0	Transfer Point CN-37122

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. The bag dump shall not be operated without the integral dust collector, and packaging shall not be performed without the simultaneous operation of baghouse with Permit C003975.
[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 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 0.01 pounds per hour of PM10 at a maximum concentration of 0.01 grains/dscf at the operating conditions given in the above description. 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 unit 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.
[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]