



# 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

B002076

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.#982)

Elementis Specialties - E Hector Rd  
27575 E Hector Road  
Newberry Springs, CA 92365

#### Description:

SCREENING PLANT consisting of: Stationary Grizzly and Hood, 0 hp; Vibrating Grizzly, 25 hp; Grizzly screen conveyor, 10 hp; Simplicity screen, 7.5 hp; Simplicity screen product conveyor, 15 hp; Simplicity screen reject conveyor, 15 hp; Hood dust screw conveyor, 1.5 hp; Process dust screw conveyor, 1.5 hp; and an Automatic Sampler, 3 hp. Particulate Matter is controlled with two baghouses, one for the Hood (C004077) and one for the remainder of the Screening equipment (C011579). Equipment Elevation is 554 meters above sea level.

#### EQUIPMENT

Capacity	Equipment Description
0	Stationary Grizzly with Hood
25	Vibrating Grizzly
10	Grizzly Belt Conveyor
7.5	Simplicity Screen
15	Simplicity Screen Conveyor
15	Screen Reject Belt Conveyor
1.5	Hood Dust Screw Conveyor
1.5	Process Dust Screw Conveyor

Fee Schedule: 1 (b)

Rating: 75.5 bhp

SIC: 1499

SCC: 30504034

Location/UTM(Km):  
551E/3845N

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

## 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 o/o shall maintain sufficient controls and equipment, on-site, and in operable condition, and use as necessary on material piles, haul roads, and throughout the plant as required, to preclude violations of District rules 401, 402 and 403; these rules pertain to opacity, dust blowing off of the property and nuisance. Examples of controls, in lieu of adding water, are tarps and covers on material piles, to control dusting.

[District Rule 1302]

3. The owner/operator will periodically monitor opacity from fugitive emission points according to the following methodology:

a) The owner or operator must conduct a monthly 1-minute visible emissions test of each affected source in accordance with USEPA Method 22. The test must be conducted while the affected source is in operation.

b) If no visible emissions are observed in six consecutive monthly tests for any affected source, the owner or operator may decrease the frequency of testing from monthly to semi-annually for that affected source. If visible emissions are observed during any semi-annual test, the owner or operator must resume testing of that affected source on a monthly basis and maintain that schedule until no visible emissions are observed in six consecutive monthly tests.

c) If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semi-annually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator must resume testing of that affected source on a monthly basis and maintain that schedule until no visible emissions are observed in six consecutive monthly tests.

[District Rule 204 and 401]

4. A person shall not discharge into the atmosphere from any single source of emission whatsoever any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:

(a) As dark or darker in shade as that designated No. 1 on the Ringelmann Chart, as published by the United States Bureau of Mines, or

(b) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in subsection (a) above.

[District Rule 401]

5. A facility log shall be maintained on-site for at least two (2) years and made available to District personnel upon request. The log shall be kept current, on-site for a minimum of 2 years and provided to District, State or Federal personnel on request. This log shall contain, at a minimum:

a. Tons of product produced per day;

b. Tons of product produced per month, and

c. Tons of product produced per year.

[District Rules 204 & 1303]

6. The Owner/Operator shall only operate this equipment in conjunction with properly functioning baghouses under valid District permits C004077 and C011579.

[District Rules 204 & 1303]

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

Oxides of Nitrogen (NOx) - 20 tons,

Volatile Organic Compound (VOC) - 20 tons,

Particulate Matter less than 10 microns (PM10) - 14.9 tons, and Hazardous Air Pollutants (HAP) - 8 tons per year for any single HAP and

20 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.

Note: These emission limits keep this facility BELOW SM-80 thresholds and precludes the requirements for Federal reportability.

[District Rules 204 and 1303]

8. This equipment shall not be operated for more than 14.5 hours in any one day, defined as any sequential 24 hour period, nor more than 3,800 hours in any one calendar year.

[District Rules 204 & 1303]

9. The maximum input loading to this screening equipment shall not exceed 652.5 tons in any one day nor more than 171,000 tons in any one calendar year.

[District Rules 204 & 1303]

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]