



## 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

C000632

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: DECEMBER 2025**

#### OWNER OF OPERATOR (Co.#629)

Specialty Minerals, Inc  
6565 Meridian Road  
Lucerne Valley, CA 92356

#### EQUIPMENT LOCATION (Fac.#262)

Specialty Minerals, Inc  
6565 Meridian Road  
Lucerne Valley, CA 92356

#### Description:

BAGHOUSE - DCL 03 consisting of: an American Air Filter (AAF) Pulse Jet, Model B-4 hot dust baghouse, with 130 polyester bags totaling 6400 sq ft of filter area, equipped with a fan producing 9800 cfm (for an air cloth ratio of 1.5:1). This unit picks up from the Dryer 180DS via the Cyclone 012DS.

#### CONDITIONS:

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.

[District Rule 1302(B)(1)(a)]

2. This baghouse shall operate concurrently with the oil fired dryer for sizer system under District Permit B002366 and the Drier Sizer System (B000663).

[District Rule 1302(B)(1)(a)]

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:

- Daily baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary), as outlined in condition 9;
- Quarterly bag and bag suspension system inspection date and results;
- Daily reading of baghouse pressure drop, date and value;
- Date of bag replacements;

Fee Schedule: 7 (h)

Rating: 1 device

SIC: 1422

SCC: 30502006

Location/UTM(Km): 508E/3803N

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.

Specialty Minerals, Inc  
P.O. Box 558  
Lucerne Valley, CA 92356

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

e. Date of any excursion, a description of corrective action, and proof of reporting as required by condition 10; and,  
f. Documentation of all compliance/source testing reports, as applicable, as referenced in condition 6.  
[District Rule 1302(B)(1)(a)]

4.This baghouse shall be operated in compliance with 40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants, and 40 CFR 64 - Compliance Assurance Monitoring.

5.This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than seven percent opacity.  
[40 CFR 60.672(a)]

6.This baghouse shall discharge no more than 1.85 pounds per hour of PM10 at a maximum concentration of 0.022 grains/dscf at the operating conditions given in the above description (40 CFR 60.672(a)(1)). 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 Rule 404; 40 CFR 672(a)]

7.The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.  
[District Rule 1302(B)(1)(a)]

8.This unit shall be equipped with a device to measure the pressure differential across the bags (manometer). In operation, the pressure differential shall be maintained within 1.5 and 10.5 inches water column.  
[District Rules 401, 402]]

9.The owner/operator must conduct daily 6-minute visible emissions inspections using EPA Method 22 (40 CFR 60, appendix A-7). The Method 22 test shall be conducted while the equipment is operating. The test is successful if no visible emissions are observed. If any visible emissions are observed, the owner/operator must initiate corrective action within 24 hours to return the equipment to normal operation. The owner/operator must record each Method 22 test, including the date and any corrective actions taken, in the log required under condition 3.  
[40 CFR 60.672(a) and 40 CFR 64.7(a)]

10.The pollutant-specific emissions unit (B000663), whose emissions are controlled by this baghouse, is subject to the requirements of Compliance Assurance Monitoring (CAM) of 40 CFR 64. As such, this permit unit must be in compliance with an approved CAM Plan. An excursion of the CAM Plan is defined as a differential pressure outside the range of 1.5 to 10.5 inches of water column and/or the presence of visible emissions, as demonstrated by condition 6. Any excursion of the CAM Plan requires the owner/operator to do the following:  
a. Inspect the affected equipment;  
b. Initiate a corrective action, within 24 hours; and,  
c. Report/Document the excursion in the log required under condition 3 as a deviation (Title V Monitoring), breakdown (Rule 430), as applicable.  
[40 CFR 64.7(d)]

11.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.  
[Rule 107(b), HSC 39607 and 44341-44342, 40 CFR 51, Subpart A]