



## 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

C000644

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 33 (NORTH DOCK PRODUCT LOADOUT/PACKAGING AREA) consisting of: a Mikropul pulse jet Model 144-10 baghouse, with 144 polyester bags totaling 1356 square feet of filter area, equipped with a fan producing 14,200 cfm of flow (for an air to cloth ratio of 10.5:1). This unit serves the Bulk Storage Trailer (GUP-01), Raymond Mill No. 5 and No. 6 Loadout Bin Spouts, PKR 19 and other future packaging equipment.

#### 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 equipment described as North Dock Loadout and Reclaim System under valid District Permit B000658.  
[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:

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

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 and nature of any system repairs.  
[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.

5.This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than seven percent opacity.  
[40 CFR 60.672(a)(2)]

6.This baghouse shall discharge no more than 1.22 pounds per hour of PM10 at a maximum concentration of 0.01 grains/dscf at the operating conditions given in the above description (BACT). 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 1303]

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), and the unit shall be operated at a minimum of one quarter (0.25) and a maximum of nine (9) inches of water column as determined by the pressure differential reading (manometer).  
[District Rule 1302(B)(1)(a)]

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