



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

T000648

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:

RAYMOND MILL PRODUCT STORAGE AND LOADOUT consisting of: Five storage bins and related bin vent control devices serving the No. 5 Raymond Mill Bulk Loadout, and three storage bins and related bin vent control devices serving the No. 6 Raymond Mill Bulk Loadout. Bin vents SW-120, SE-175, SW-175, NE-175, Center-175 and NW-175 are all Mikro Pulsaire Model 81S-8-30 bin vents equipped with 81' 8" L polyester bags totaling 763 square feet of filter area and operating at 3900 cfm of flow (for an air to cloth ratio of 5.1:1). Bin vents E-60 and W-60 are Mikro Pulsaire Model 49S-8-30 bin vents equipped with 49' 8" L polyester bags totaling 462 square feet of filter area and operating at 3900 cfm (for an air to cloth ratio of 8.4:1).

EQUIPMENT

Capacity	Equipment Description
4.24	Silo SW-120 (140 ton, 5670 cu ft, 42,417 gal) - served by silo bin vent (DCL 83)
4.32	Silo SE-175 767RP (175 ton, 5775 cu ft, 43,197 gal) - served by silo bin vent (DCL 87)
4.32	Silo SW-175 767RP (175 ton, 5775 cu ft, 43,197 gal) - served by silo bin vent (DCL 84)
1.48	Silo E-60 768RP (60 ton, 1980 cu ft, 14,810 gal) - served by silo bin vent (DCL 86)
1.48	Silo W-60 768RP (60 ton, 1980 cu ft, 14,810 gal) - served by silo bin vent (DCL 85)
4.32	Silo NE-175 (175 ton, 5775 cu ft, 43,197 gal) - served by silo bin vent (DCL 76)
4.32	Silo Center-175 (175 ton, 5775 cu ft, 43,197 gal) - served by silo bin vent (DCL 82)
4.32	Silo NW-175 (175 ton, 5775 cu ft, 43,197 gal) - served by silo bin vent (DCL 75)

CONDITIONS:

Fee Schedule: 5 (c) Rating: 288000 gallons SIC: 1422 SCC: 30510599 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

1.Silos shall not be filled unless vented to properly operating bin vents.

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

2.The owner/operator (o/o) shall maintain on-site a minimum inventory of replacement bags for the silo bin vents that assures compliance with these conditions.

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

3.The o/o shall conduct a minimum program of inspection and maintenance on the silo bin vents. 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. Quarterly bag and bag suspension system inspection date and results;
- b. Date of bag replacements; and,
- c. Date and nature of any system repairs.

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

4.The total loadout from this equipment, and the bulk storage trailer listed under permit B000658, shall not exceed 600,000 tons per calendar year. [District Rule 1303]

5.This equipment shall be operated in compliance with all applicable requirements of 40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants.

6.This equipment shall not discharge into the atmosphere an exhaust stream that exhibits greater than the following opacity:

- a. Stack emissions - seven percent (40 CFR 60.672(a))
- b. All transfer points and fugitive emission points - ten percent (40 CFR 60.672(b))

7.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]