



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

C000627

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 01 consisting of a pulse-air cleaned baghouse with 130 polyester bags (16 ounce/sq yard) totaling 4122 square feet of filter area and equipped with a fan generating 12,000 cfm of flow (for an air to cloth ratio of 2.9:1). This unit serves to collect particulate emissions from Primary Crusher System conveyors/screens, CBE 01 and CBE 04 under District permit B000611.

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)]

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 conveyors/screens of the primary crusher system under District Permit B000611.

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

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

Fee Schedule: 7 (h)

Rating: 1 device

SIC: 1422

SCC: 30502005

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

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. Daily six-minute baghouse stack observation results (using USEPA Method 22, and USEPA Method 9 if necessary), as outlined in condition 6;
- b. Quarterly bag and bag suspension system inspection date and results;
- c. Daily reading of baghouse pressure drop, date and value;
- d. Date of bag replacements; and,
- e. Date of any excursion, a description of corrective action, and proof of reporting as required by condition 6; and
- f. A copy of the District approved Compliance Assurance Monitoring (CAM) Plan.

[District Rule 401; 40 CFR 60.672(a) and 40 CFR 64]

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. Daily six-minute baghouse stack observation results (using USEPA Method 22, and USEPA Method 9 if necessary), as outlined in condition 11;
- b. Quarterly bag and bag suspension system inspection date and results;
- c. Daily reading of baghouse pressure drop, date and value;
- d. Date of bag replacements; and,
- e. Date of any excursion, a description of corrective action, and proof of reporting as required by condition 6; and
- f. A copy of the District approved Compliance Assurance Monitoring (CAM) Plan.

[District Rule 401; 40 CFR 60.672(a) and 40 CFR 64]

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.

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

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6.The owner/operator must conduct daily six-minute and quarterly 30-minute visible emissions inspections using EPA Method 22 on the stack from this baghouse. 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 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 Part 60.672(a); 40 CFR 64.7(a)]

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[40 CFR Part 60.672(a); 40 CFR 64.7(a)]

7.In the event of any equipment malfunction or breakdown as defined in District Rule 430, the event must be reported to the District within one hour. Malfunctions or breakdowns resulting in exceedance of permit limits must be reported in the Semi-annual Monitoring and Annual Compliance Certification reports.
[District Rule 430]

7.In the event of any equipment malfunction or breakdown as defined in District Rule 430, the event must be reported to the District

within one hour. Malfunctions or breakdowns resulting in exceedance of permit limits must be reported in the Semi-annual Monitoring and Annual Compliance Certification reports.

[District Rule 430]

8.This baghouse shall discharge no more than 2.26 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 Rules 1303(A), 404, 405]

8.This baghouse shall discharge no more than 2.26 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 Rules 1303(A), 404, 405]

9.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)]

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

10.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 0.5 and 4.5 inches water column.

[District Rule 1303(A)]

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[District Rule 1303(A)]

11.The pollutant-specific emissions unit (B000611), 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 0.5 to 4.5 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 book required under condition 3 as a deviation (Title V Monitoring), breakdown (Rule 430), as applicable.

[40 CFR 64.7(d)]

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- a) Inspect the affected equipment;
- b) Initiate a corrective action, within 24 hours; and,
- c) Report/Document the excursion in the log book required under condition 3 as a deviation (Title V Monitoring), breakdown (Rule 430), as applicable.

[40 CFR 64.7(d)]

12.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), Health and Safety Code 39607 and 44341-44342, 40 CFR 51, Subpart A]

12.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), Health and Safety Code 39607 and 44341-44342, 40 CFR 51, Subpart A]