



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

B009461

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 2026

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:

CRUSHING AND SCREENING, MOBILE consisting of: A Powerscreen crusher and screener, rated at 250 tons per hour. This unit is powered/propelled by a 96.6 bhp Chieftain 1400 T diesel IC engine, Model No. BF4M2012CE72/1, Serial No. 6608470, EIN HB5G85. Engine is subject to 13 CCR 2449 and is enrolled in the DOORS program.

CONDITIONS:

1. Operation of this equipment shall be conducted in compliance with all data and specifications submitted with the application under which this permit is issued unless otherwise noted below. 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.

[District Rules 1302(B)(1)(a), 1320]

2. This equipment shall not process more than 750,000 tons per year (based on 3000 hours per year operation at the maximum hourly capacity of 250 tons per hour).

[District Rules 1302(B)(1)(a), 1320]

Fee Schedule: 1 (b)

Rating: 96.6 bhp

SIC: 1422

SCC: 30501602

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
Executive Director

3. Water sprays shall be used at conveyor points of charge and discharge, crushers, feeders, and screen, to control fugitive emissions. Through the use of water sprays, a minimum moisture content of two (2%) percent shall be maintained throughout the rock plant.
[40 CFR 60.674 (b)]

4. Roadways, work areas, stockpiles, and materials being processed shall be kept wetted to control fugitive dust. Equipment to properly wet the material being processed shall be maintained in operable condition on-site and used as necessary to assure compliance.
[40 CFR 60.674 (b)]

5. This equipment can only be powered by utility line power, a generator powered by an engine with a CARB Equipment Identification Number (EIN) assigned by the DOORS program (off-road mobile-the current EIN is HB5G85) or a valid District permit.
[District Rules 1160, 1302(B)(1)(a)]

6. This equipment shall not discharge into the atmosphere an exhaust stream that exhibits greater than twelve (12) percent opacity (6 minute rolling average) from the crusher and seven (7) percent opacity (6 minute rolling average) from all transfer points and fugitive emission points (40 CFR 60.672(b)).

7. Visible emissions from this system shall not exceed an opacity equal to or greater than twenty percent (20%) for a period aggregating more than three (3) minutes in any one (1) hour, excluding uncombined water vapor.
[District Rule 401(b)]

8. 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. In the event of conflict between Permit conditions and the requirements of 40 CFR 60 Subpart OOO, the most stringent shall govern.

9. Equipment serving this site, specifically including haul trucks travelling to and from the site, shall not cause a public nuisance.
[District Rules 401, 402, 403]

10. The o/o shall perform quarterly moisture content testing to confirm that the moisture content is at least 2.0%. The moisture content of the aggregate material shall be analyzed according to material moisture test ASTM C566-97 or equivalent as approved by the District.
[District Rule 403]

11. The o/o will periodically monitor opacity from fugitive emission points according to the following methodology:

(i) 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.

(ii) 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.

(iii) 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 401; 40 CFR 60 Subpart OOO]

12. A facility log shall be maintained on-site for at least two (2) years and made available to District personnel upon request. This log shall contain, as a minimum:

- a) The tons of product produced per each operating day
- b) The number of hours operated each operating day
- c) The tons of product produced per month
- d) 12-month rolling total
- e) Yearly total throughput
- f) Results of the quarterly moisture content tests

- g) Opacity results from fugitive emission points
 - h) Maintenance and breakdown records associated with all water spray systems.
- [District Rule 1302(B)(1)(a)]

13. 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]