



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

B002365

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: FEBRUARY 2027

OWNER OF OPERATOR (Co.#1033)

Hi-Grade Materials Company, Inc
17671 Bear Valley Road
Hesperia, CA 92345

EQUIPMENT LOCATION (Fac.#121)

Hi-Grade Materials - Meridian Rd
8701 Meridian Road
Lucerne Valley, CA 92356

Description:

AGGREGATE PIT SYSTEM consisting of: Facility elevation is 3284 feet above sea level.

EQUIPMENT

Capacity	Equipment Description
60	Dozer Trap
0	Conveyor 36" P1 (Powered by above)
40	Conveyor 36" P2
50	Grizzler Feeder
125	Jaw Crusher
20	Under jaw belt conveyor P3
75	Conveyor 36" P4
75	Conveyor 36" P5
75	Conveyor 36" P6
75	Conveyor 36" P7

CONDITIONS:

Fee Schedule: 1 (c)

Rating: 595 bhp

SIC: 1442

SCC: 30500714

Location/UTM(Km):
507E/3808N

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.

Hi-Grade Materials Company, Inc
17671 Bear Valley Road
Hesperia, CA 92345

By: **COPY**
Eldon Heaston
Air Pollution Control Officer

1. 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. Unless otherwise noted, this equipment shall also be operated in accordance with all data and specifications submitted with the application for this permit.

[District Rule 203]

2. Electrical power for this facility shall only be provided by grid power or by an engine (or engines) with a valid District permit.

[District Rule 204]

3. The owner/operator shall install, maintain and inspect a wet suppression system to control fugitive emissions at all conveyor points of charge and discharge, crushers, feeders, and screens.

[District Rule 204, District Regulations IV and XIII, and Subpart OOO]

4. The owner or operator must perform monthly periodic inspections to check that water is flowing to discharge spray nozzles in the wet suppression system. The owner or operator must initiate corrective action within 24 hours and complete corrective action as expeditiously as practical if the owner or operator finds that water is not flowing properly during an inspection of the water spray nozzles. The owner or operator must record each inspection of the water spray nozzles, including the date of each inspection and any corrective actions taken, in the logbook.

[40 CFR 60.674 (b)]

5. Pursuant to Table 3 of Part 60, Subpart OOO, Fugitive Emission Limits, the owner or operator must not exceed 10% opacity emissions limit for grinding mills, screening operations, bucket elevators, transfer points on belt conveyors, bagging operations, storage bins, enclosed truck or railcar loading stations or from any other affected facility (as defined in 60.670 and 60.671).

Additionally, the owner or operator must not exceed a 15% opacity limit for fugitive emissions from crushers at which a capture system is not use.

[Table 3 of 40 CFR 60, Subpart OOO]

6. The owner/operator shall limit the annual production (sum of all products) from this equipment to no more than an average of 75,000 tons per month, based on a twelve month rolling average, and no more than 900,000 tons per calendar year.

[District Reg XIII]

7. Materials processed by equipment delineated above shall contain sufficient moisture to control fugitive dust emissions. For aggregate material fed into the receiving hopper sufficient moisture means 2.5% or greater. The moisture content of the aggregate material shall be analyzed quarterly according to material moisture test ASTM C566-97 or District approved equivalent method. Sample locations shall be representative of aggregate feed through the plant.

[District Reg XIII]

8. To assure compliance for Visible and Fugitive emission limitations from this facility, roadways, work areas and stockpiles shall be kept wetted to control fugitive dust. Pursuant to this requirement, equipment to properly wet the material being processed shall be maintained in operable condition on-site and used as necessary to assure compliance.

[District Rules 204, 401, 402 and 403]

9. 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, at a minimum:

- a) Tons of product produced per month;
- b) Tons of product produced per year;
- c) Results of the monthly moisture content tests in accord with Condition 7
- d) Water spray system inspection records in accord with Condition 4, and
- e) Records of NSPS OOO initial compliance testing.

[District Rule 1302]

10. Fugitive emissions from this permitted equipment is controlled through the use of water sprays, therefore the owner/operator is NOT required to repeat performance test according to 60.11 of Part 60 and 60.675 of Subpart OOO within 5 years from the previous performance tests. Affected facilities controlled by water carryover from upstream water sprays that are inspected according to the requirements in 60.674(b) and 60.676(b) are exempt from this 5-year repeat testing requirement. To qualify for this exemption, the water spray system must be inspected in accordance with Subpart OOO as summarized in Permit condition 3 above.
[District Rule 204, and Table 3 of Subpart OOO]

11. The minimum stone moisture percentage of materials processed must be maintained above the following moisture percentages for controlled transfer point, controlled screening, and controlled crushing operations. The maximum silt content percentage of materials processed must be maintained at or below the following silt content percentages for controlled transfer point, controlled screening, and controlled crushing operations.

// Equipment // Silt Content % // Stone Moisture Content %

Transfer Point // 2.2 // 1.9

Screen // 1.7 // 1.5

Crusher // 2.3 // 1.1

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[District Regulation IV and Regulation XIII]

12. 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 more stringent requirements shall govern.
[District Rule 204]

13. This facility shall emit less than the following on a calendar year basis; Oxides of Nitrogen (NOx) - 20 tons, Volatile Organic Compound (VOC) - 20 tons, Particulate Matter less than 10 microns (PM10) - 14.9 tons, and Hazardous Air Pollutants (HAP) - 8 tons per year for any single HAP and 20 tons per year for any combination of HAPs. Compliance shall be demonstrated annually to the District through the submission of a District approved Comprehensive Emission Inventory Report (CEIR) or other District approved equivalent method.
[District Rules 204 and 1303]

14. 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 & Safety Code 39607 & 44341-44342, 17 CCR 93400 et seq., and 40 CFR 51, Subpart A]