



# 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

B000815

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 PROCESSING PLANT consisting of: Facility elevation is 3251 feet above sea level.

#### EQUIPMENT

Capacity	Equipment Description
25	2L Trio Feeder
75	24" x 36" Minyu Jaw Crusher
10	30" x 20' Under Jaw Belt Conveyor
50	# 1 Pit Belt Conveyor, 30" x 340'
15	# 2 Pit Belt Conveyor, 30" x 30'
15	# 3 Pit Belt Conveyor, 30" x 30'
30	# 4 Pit Belt Stacker, 30" x 75'
25	Return Belt Conveyor from Screen, 30" x 40'
25	Feed Belt Conveyor to the Screen, 30" x 40'
25	# 1 Screen, 6' x 16', GP 3 Deck
0	Syntron Feeder
15	Tunnel Conveyor, 30" x 40'
20	# 2 Screen Feed Belt Conveyor, 30" x 50'
25	Return Belt Conveyor back to the Pit, 30" x 40'

Fee Schedule: 1 (d)

Rating: 1005 bhp

SIC: 1442

SCC: 30502004

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  
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Hesperia, CA 92345

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

Capacity	Equipment Description
25	# 2 AC Screen, 5' x 14'
150	Standard Cone Crusher, 4'
10	Under Cone Belt Return Conveyor, 30" x 10', back to wet plant
20	Pit Belt Return Conveyor, 30" x 240'
15	Pit Belt Return Conveyor, 30" x 150'
30	Pit Belt Return Conveyor, 30" x 45'
10	Stacker Belt Conveyor to Pit, 30" x 40'
20	# 3 Screen Fedded Belt Conveyor, 30" x 150'
20	# 3 Screen, 5' x 16', Seco 2 Deck
15	Under Cone Belt Conveyor Return, 30" x 60'
75	# 2 Standard Cone, 4'
20	Feeded Belt Material Washer, 30" x 40'
40	Trio Material Washer Screw
25	Wet Screen, 6' x 15', 3 Deck
10	Stacker, 3/8", 30" x 30'
10	Stacker, 1 1/2", 30" x 30'
10	Stacker, 1", 30" x 30'
50	Screw, 54', Material Washer, two each @ 25 hp
15	Stacker Wash Con Belt Conveyor, 30" x 40'
30	Wash Plaster Screw
50	Pit belt return conveyor, 30" x 700'

## CONDITIONS:

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. 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]

7. 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) Water spray system inspection records in accord with Condition 4, and
- d) Records of NSPS OOO initial compliance testing.

[District Rule 1302]

8. 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]

9. 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]

10. This facility shall emit less than the following on a calendar year basis; Oxides of Nitrogen (NO<sub>x</sub>) - 20 tons, Volatile Organic Compound (VOC) - 20 tons, Particulate Matter less than 10 microns (PM<sub>10</sub>) - 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]

11. 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]