



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

B000891

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.#3491)

Hi-Grade Materials Company - 29 Palms
7451 Mojave Road
Twentynine Palms , CA 92277

Description:

ROCK CRUSHING PLANT consisting of: The ratings below are in horsepower. The plant is nominally rated at 200 ton per hour. Facility elevation is 2099 feet above sea level.

EQUIPMENT

Capacity	Equipment Description
5	BM-1, Belt Magnet
15	C-1, #2 Cone Return and #1 Collector Belt 24" Lattice Conveyor
7.5	C-2, #2 Cone Feed Belt - 18" Lattice Conveyor
15	C-3, Sand Conveyor - 30" Lattice Conveyor
15	C-5, 1/4" and 1/2" Stacker - 24" Lattice Conveyor
15	C-6, 3/8" Stacker - 18" Lattice Stacker
15	C-8, Surge Stacker - 30" Lattice Stacker
7.5	C-10, Rock Dust Stacker - 18" Lattice Stacker
10	C-11, #1 Screen Feed Belt - 30" Lattice Conveyor
15	C-12, #1 Cone Collector/Return Belt - 36" Channel Conveyor
30	C-13, #2 Screen (JCI) Feed Belt - 24" Lattice Conveyor
15	C-14, Fill Sand Belt, Screen to Bin - 24" Lattice Conveyor
7.5	C-15, Bin Collecting Belt - 30" Lattice Conveyor

Fee Schedule: 1 (d)

Rating: 847.5 bhp

SIC: 1429

SCC: 30502510

Location/UTM(Km):
586E/3778N

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

Capacity	Equipment Description
10	C-16, Under Screen Belt 24"
10	C-17, Con Sand Conveyor - 30" Lattice Conveyor
15	C-18, Jump Belt 24"
15	C-19, Screen to 1" Hopper Belt 18"
10	C-20, Hopper to 1" Belt 18"
20	C-21, 1x4 Belt Screen to Bin for Rock - 18" Channel Conveyor
20	C-22, Bin Collecting Belt 30" Base Material
10	C-23, 1x4 Overland/Stacker for Rock - 24" Channel Conveyor
5	C-26, Con Sand Stacker - 30" Lattice Conveyor
300	CR-3, #2 Cone - Telesmith 52" 1110 FC Cone Crusher
25	P-1, Pond Pumps Dust Control
100	P-3, Pond Pumps
5	P-4, Pond Pumps- Water Truck Fill
50	S-1, #1 Screen - Nordberg 7' x 20' Three Deck Horizontal Screen
50	S-2, #2 Screen - 7' x 20' Three Deck Screen
0	SC-1, Aggregate Scale
0	T-1, Surge Tunnel with Sentron Feeder
30	W-1, Sand Screw - Eagle 36" Double Screw
15	C- 30 - Jump Conveyor Rock Dust 20' x 36"
15	C-31 - Jump Conveyor 3/8" Pile 20' x 24"
10	C-32 - Lattice Conveyor 50' x 24"
15	C-34 Oversize Conveyor 50' x 24"

CONDITIONS:

1. This equipment must be installed, operated, and maintained in strict accordance with those recommendations of the manufacturer/supplier and/or sound engineering principles to produce the minimum emissions of contaminants. Unless otherwise noted, this equipment must also be operated in accordance with all data and specifications submitted with the application for this permit.
[District Rules 1302(C)(2)(a)]

2. The owner/operator shall limit daily production (sum of all products) to 1,300 tons, measured using aggregate weigh scale during any 24 hour period.
[District Rule 1303]

3. This equipment shall not discharge into the atmosphere an exhaust stream that exhibits an opacity during any one hour (ten 6-minute averages) greater than the following:
(a) Zero (0) percent opacity from all baghouses (40 CFR 60.672(a)), and
(b) Seven (7) percent opacity from all transfer points, screens, and fugitive emission points (40 CFR 60.672(b)).
[District Rule 1302; 40 CFR Part 60, Subpart OOO]

4. The owner/operator must conduct quarterly 6-minute visible emissions (VE) inspections using EPA Method 22 on each baghouse, screen, and conveyor belt transfer point. The Method 22 test shall be conducted while the equipment is operating. The test is successful if visible emissions observed are within opacity limits described in Condition 3. If any VE are observed, the owner/operator must either cease operation and make all necessary corrections such that no further visible emissions are noted OR shall conduct a US EPA Method 9 to verify compliance with Condition 3. If compliance with Condition 3 cannot be verified, owner/operator must initiate corrective action within 24 hours to return equipment to compliance.
[District Rule 1302; Derived from 40 CFR Part 60, Subpart OOO]

5. A facility log must be maintained on-site for at least three (3) years and made available to District personnel upon request. This log shall contain, as a minimum:

- (a) The tons of product produced per day defined as any 24 hour period (sum of all products from this facility),
 - (b) Hours operated per day (hours meter reading at startup and shutdown each day),
 - (c) Average hourly production rate in tph (item a divided by item b),
 - (d) The tons of product produced per each consecutive twelve-month basis (sum of all products from this facility),
 - (e) Results of the quarterly moisture content tests,
 - (f) Opacity results from fugitive emission points in accord with Condition 4, and
- [40 CFR 60.676; District Rules 204 and 1302]

6. Roadways, work areas and stockpiles must be kept wetted to control fugitive dust. Equipment to properly wet the material being processed must be maintained in operable condition, on-site, and used as necessary to assure compliance.

[District Regulation IV]

7. The owner/operator shall perform monthly moisture content testing feed and product to confirm that the moisture content is at least two percent (2%). This testing should be done according to material moisture test ASTM C566-97 or alternative methods with prior District approval. Compliance with this limit shall be verified by condition 10(e). [District Rule 1302 (C)(2)(a)]

8. This equipment must be operated in compliance with all applicable requirements of 40 CFR 60, Subpart OOO: Standards of Performance for Nonmetallic Mineral Processing Plants.

[District Rule 204]

9. The facility shall not emit more than 12 tons/year of PM10. A year is defined as any consecutive twelve month period.

[District Rule 1302]

10. 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]