



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

T000814

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.#120)

Hi-Grade Materials-Bear Valley Rd
17689 Bear Valley Road
Hesperia, CA 92345

Description:

CONCRETE BATCHING AND DISPENSING SYSTEM consisting of: Quantity of 3 Total Bin Vent Dust Collectors, described as a Loadcraft Model PJC-345 Pulse Jet Type dust collectors with 99.99% efficiency. One Dust Collector is located on the Sand and Aggregate Storage Silo and the other two are located on the split Cement and Fly Ash Storage Silo, one on each side. Each of the three Bin Vent Filters is further described: Total Filtration Area is 342 sq ft Cartridge Size = 8" X 39" Quantity of Cartridges = 9 Design CFM = 1700 Fan = None Design Static Pressure = 8" Air to Cloth = 5.0 Outlet Area = 0.54 sq ft Outlet Velocity = 61.73 ft/min Cleaning = Reverse Air Pulse Number of Compartments = 1

EQUIPMENT

Capacity	Equipment Description
9.872	Pneumatically loaded Split Cement and Fly Ash Storage Tank Silo, 124,000 lb capacity (9872 gal), with two Bin Vent Air Pollution Control Devices, one on each side.
10.827	Pneumatically Loaded Cement Storage Tank Silo, 136,000 lb capacity (10,827 gal), with Integral Bin Vent Air Pollution Control Device.

CONDITIONS:

1. The storage silos and associated bin vent air pollution control 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

Fee Schedule: 5 (b)

Rating: 20690 gallons

SIC: 3273

SCC: 30501101

Location/UTM(Km):
575E/3815N

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.

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

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 204]

2. With regard to the storage silos' bin vents, the o/o shall have a continuing program of maintenance/inspections in accord with manufacturer's recommendations and specifications which ensures compliance with District Rules. The results of the inspections shall be logged with the log kept on site for a minimum of two (2) years. This log shall be provided to District personnel upon request.

[District Rule 401]

3. The storage silos' including the air pollution control bin vents, must be operated such that no visible emissions from the equipment result in an opacity greater than 20 percent on the Ringelmann Chart for a period or periods aggregating more than three (3) minutes in any one hour.

[District Rule 401(a)]

4. The owner/operator shall conduct a minimum program of inspection and maintenance on this equipment. The owner/operator shall maintain current and on-site for two (2) years a log of the following information, which shall be provided to District personnel upon request:

- a. Weekly Visible Emission Determination (VED) using the following procedures: 1. Ensure that the observer's back is to the sun or artificial light.
2. The observation spot provides a clear view of the emission point(s).
3. Observe the emission point(s) for a period of one minute.
4. Designate the emission point(s) as "dusting" or "not dusting". If "dusting" is occurring, owner/operator must conduct a Visible Emission Evaluation using USEPA Method 22, and USEPA Method 9, on each dusting emission point if necessary, or shut down the equipment immediately and effect the required equipment repairs.
5. Log the results of these observations; include the date and times that the observations were conducted; provide these logs to District personnel upon request.
 - a. Date and result of quarterly cartridge and cartridge support system inspection;
 - b. Date of cartridge replacements; and,
 - c. Date and nature of any system repairs.

[District Rule 1303]

5. The owner/operator shall maintain on-site, as a minimum, an inventory of replacement filter cartridges that assures compliance these conditions.

[District Rule 1302]

6. 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]