



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

14306 Park Avenue Victorville, CA 92392-2310
760.245.1661 -- 800.635.4617 -- FAX 760.245.2022

AUTHORITY TO CONSTRUCT

B011738

If construction is not completed by the expiration date of this permit, it may be renewed for one additional year upon payment of applicable fees. Any additional extension will require the written approval of the Air Pollution Control Officer. This Authority to Construct may serve as a temporary Permit to Operate provided the APCO is given prior notice of intent to operate and the Permit to Operate is not specifically denied.

EXPIRES LAST DAY OF: APRIL 2026

OWNER OF OPERATOR (Co. #118)

Mitsubishi Cement Corporation
5808 State Highway 18
Lucerne Valley, CA 92356

EQUIPMENT LOCATION (Fac. #1)

Mitsubishi Cement - Cushenbury Plant
5808 Highway 18
Lucerne Valley, CA 92356

Description:

HYDRATED LIME STORAGE AND INJECTION SYSTEM consisting of: hydrated lime, purchased from various sources, is delivered by truck and off-loaded to the Hydrated Lime Storage Silo. Hydrated Lime is transferred to the downcomer inlet using a piping configuration which includes a fluidizing bin bottom and loss-in-weight feeder. The Hydrated Lime is then air-blown into the north downcomer at the ID fan inlet.

EQUIPMENT

Capacity	Equipment Description
0	12'd X 70'h, Hydrated Lime Storage Silo (100 ton capacity)
0.35	Arch Breaker rated at 0.35 bhp
0.75	Screw Feeder rated at 0.75 bhp
0	Silo Dust Collector (District Permit C011737)
25	Regenerative blower rated at 25 bhp
0	Hopper single cartridge dust filters (2), Model 279, 9 dia. 30 sq. ft, PTFE cartridges.
1	Heat exchanger, fan cooled, 1 HP, 3 inlet and outlet, 309 SCFM @ 10 psig
0	Loss-In-Weight hopper/feeder single cartridge dust filters (2), Model 279, 9 dia. 30 sq. ft., PTFE cartridges.
0	Fluidizing bin bottom, Model 328, equipped with three air injection valve assemblies, and urethane cone seals.

Fee Schedule: 1 (a)

Rating: 27.1 bhp

SIC: 3241

SCC: 30500616

Location/UTM(Km): 514E/3802N

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.

Mitsubishi Cement Corporation
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By: **COPY**
Brad Poiriez
Air Pollution Control Officer

CONDITIONS:

- 1.This equipment shall be installed, operated and maintained in strict accordance with those recommendations of the manufacturer 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.
- 2.The Hydrated Lime Storage Silo associated with this Hydrated Lime Injection System shall not receive material unless the associated air pollution control device under District permit C011737 is concurrently operating.
- 3.The owner/operator shall comply with all applicable Rules and Regulations of the District. Applicable rules include, but are not limited to Rules 401, 402, 403 and 430.
- 4.This system is limited to 10,000 tons per year of Hydrated Lime product.
[District Rule 1303 - NSR Requirements]
- 5.Product unloading from truck(s) to the Hydrated Lime Storage Silo of this Hydrated Lime Injection system is limited to less than 400 truck deliveries per year.
[District Rule 1303 - NSR Requirements]
- 6.The owner/operator shall record all deliveries of the product unloaded from truck(s) to the Hydrated Lime Storage Silo of this Hydrated Lime Injection system to demonstrate compliance with condition 4 and 5, above. This record shall include:
 - a. The date of each delivery; and,
 - b. The tonnage of product delivered.
- 7.The loss-in-weight feeder and hopper shall vent only to integral dust collectors. Dust collectors shall be regularly maintained to prevent clogging of vent filters. All filter changes shall be recorded and logged with date and maintenance action. A monometer shall be installed and maintained between 0.25 and 2 inches water column.
[District Rule 1303]
- 8.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]