



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

C014325

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 2027

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:

DUST COLLECTOR FOR CLINKER COOLER TRANSFER (4-DC-14) consisting of: Dust collection system manufactured by Parker BHA, Custom Model, with an airflow of 2,500 acfm, cloth area 720 sq. ft., and an air to cloth ratio of 3.4:1, equipped with 100% Spunbond Polyester with Preveil ePTFE membrane. Fan motor (5-FA-41A) rated at 7.5 hp. This unit serves transfer from 4-BC-5 to 4-BC-6.

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.
[District Rule 204]

2. The owner/operator shall maintain a record of repairs and maintenance on this equipment and submit it to the District upon request. The record shall be retained for a minimum period of five (5) years.
[District Rules 1203(D)(1)(d)(ii) and 1303]

Fee Schedule: 7 (h)

Rating: 1 device

SIC: 3241

SCC: 30500699

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.

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By: **COPY**
Brad Poiriez
Executive Director

3. This air pollution control device shall be provided with a differential pressure measuring device. The nominal design operational/differential pressure range shall be maintained below 6 inches of water column. [District Rule 1303]
4. The owner/operator shall maintain on-site, as a minimum, an inventory of replacement bags/filters that assures compliance these conditions.
[District Rule 1303]
5. This air pollution control device shall operate concurrently with the Clinker Transfer and Inside Storage under District Permit B000983.
[District Rule 1303]
6. This air pollution control device shall discharge no more than 0.11 pounds per hour of PM10 at a maximum concentration of 0.005 grains/dscf at the operating conditions given in the above description. To demonstrate compliance with this condition, the owner/operator shall maintain the manufacturer's data guaranteeing the grain loading of this dust collector, an initial source test as outlined in condition 10, and a maintenance and inspection program as outlined in condition 8.
[District Rule 1303 - basis: BACT]
7. This air pollution control device shall not discharge into the atmosphere an exhaust stream that exhibits greater than ten percent opacity.
[40 CFR 63, Subpart LLL]
8. The owner/operator shall conduct a minimum program of inspection and maintenance on this equipment, following the operations and maintenance plan requirements pursuant to 40 CFR 63 Subpart LLL. The owner/operator shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
- (a) Reading of baghouse pressure differential, date and value, in the same frequency of the stack observations required by (b), below;
 - (b) Monthly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary USEPA Method 9 if visible emissions are detected). If no visible emissions are observed for six consecutive months the frequency can change to semi-annually. If no emissions are observed semiannually the frequency can be changed to annually. If any visible emissions are observed frequency reverts to monthly until no visible emissions are observed for six consecutive months;
 - (c) Annual bag and bag suspension system inspection date and results;
 - (d) Date of bag replacements;
 - (e) Date and nature of any system repairs; and
 - (f) Hours operated per each calendar month, calculated for each consecutive 12-month period (based on installed hour timer).
- [District Rule 1203(D)(1)(d)(ii), 1303(A); 40 CFR 63.1350(f), 1355(g)]
9. This equipment is subject to and shall comply with all applicable requirements of 40 CFR 63, Subpart LLL - National Emission Standards for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry. [40 CFR 63, Subpart LLL]
10. The owner/operator shall conduct an initial compliance test to demonstrate compliance with the BACT-based emission limit and concentration of condition 6. The owner/operator must provide a written performance test plan or protocol at least thirty days prior to the test date. The owner/operator must conduct all required compliance/performance tests in accordance with a District-approved test protocol. The owner/operator must notify the District a minimum of ten (10) days prior to the compliance/performance test date so that an observer may be present. The final compliance/performance test results must be submitted to the District not later than forty-five (45) days after the source test date. All compliance/performance test notifications, protocols, and results may be submitted electronically to reporting@mdaqmd.ca.gov.
[District Rule 1303 - basis: BACT]
11. This dust collector shall not operate for more than 6000 hours in any consecutive 12-month period.
[District Rule 1303]
12. Owner/operator shall install and maintain a non-resettable hour timer on this unit.
[District Rule 1303]

13. 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]