



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

C005194

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: JUNE 2025

OWNER OF OPERATOR (Co.#1)

CEMEX Construction Materials Pacific LLC
16888 North E Street
Victorville, CA 92392

EQUIPMENT LOCATION (Fac.#6)

CEMEX - River Plant
16888 North E Street
Victorville, CA 92392

Description:

BAGHOUSE (KBH-20) consisting of: A MK V pulse jet type baghouse with 144 cloth bags, measuring 6.125" diameter x 150 long each. Surface area is 1,703 sq ft, air flow is 5000 acfm, exhaust temperature of 100 deg F, Air-to-Cloth ratio is 2.94. Fan motor is rated at 50 hp. Emissions are estimated to be 0.010 gr/dscf. Serves the Feed Belt for Finish Mill #1 permitted under B005194. Facility has specified that the normal operating range for pressure differential is between 2 and 6 inches water column.

CONDITIONS:

1. The owner/operator (o/o) shall conduct a minimum program of inspection and maintenance (frequencies may be changed upon successful demonstration to the District that less frequent monitoring is equally effective). The o/o shall maintain current and on-site for five (5) years a log of this information which shall be provided to District personnel upon request:

- Pressure differential across the bags (weekly);
- Baghouse stack visible emissions determination using Method 22 (monthly or as otherwise allowed by 40 CFR 63.1350);
- Bags and bag suspension system inspection (quarterly); and
- Bag replacements and repairs.

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.

[District Rule 204]

Fee Schedule: 7 (h)

Rating: 1 device

SIC: 3241

SCC: 30500617

Location/UTM(Km): 472E/3823N

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.

CEMEX Construction Materials Pacific
LLC
16888 North E Street
Victorville, CA 92392

By: **COPY**
Brad Poiriez
Air Pollution Control Officer

2.The o/o shall install, operate and maintain this dust collector in strict accord with those recommendations of the manufacturer/supplier, and sound engineering principles which produce minimum emissions of air contaminants.

2.This baghouse shall operate concurrently with the equipment described as the Finish Mill KM1 (B005192).
[District Rule 204]

3.The o/o shall maintain an inventory of replacement bags on-site at all times which will ensure compliance with applicable Rules of District Regulation IV.

3.The o/o 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 o/o 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. A site-specific monitoring plan;
 - b. Pressure differential across the bags (weekly);
 - c. Bags and bag suspension system inspection (quarterly);
 - d. Monthly baghouse stack observations using USEPA Method 22 (10-minute test), and USEPA Method 9 (30 minutes of observations) if visible emissions are observed. If no visible emissions are observed for six consecutive months, the frequency can change to semi-annually. If no emissions are observed semi-annually the frequency can be changed to annually. If any visible emissions are observed, the frequency reverts to monthly until no visible emissions are observed for six consecutive months;
 - e. Date and nature of any system repairs.
- [40 CFR 63.1350(f), 1355(g)]

4.The o/o shall install and maintain a device which measures the pressure differential across the bags if one has not been provided with this unit.

4.All equipment shall be operated in compliance with applicable requirements of 40 CFR 63 Subpart LLL - National Emission Standard for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry.
[40 CFR Part 63 Subpart LLL]

5.This baghouse shall discharge no more than 0.40 lb/hour of particulate at a maximum concentration of 0.010 grain/dscf at the operating conditions given in the above description.

5.This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than ten percent opacity.
[District Rule 401; 40 CFR 63.1343(b), 1345]

6.This baghouse shall discharge no more than 0.40 lb/hour of particulate at a maximum concentration of 0.010 grain/dscf of TSP at the operating conditions given in the above description. This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.
[District Rules 204 and 1303]

7.The o/o shall maintain on-site, as a minimum, an inventory of replacement bags that assures compliance with applicable Rules of District Regulation IV.
[District Rule 204]

8.The o/o shall install and maintain a device which measures the pressure differential across the bags if one has not been provided with this unit.

9.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; 40 CFR 51, Subpart A]