



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

C015126

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 () consisting of: a TBD model TBD pulsejet baghouse with TBD polyester bags, each measuring TBD" diameter x TBD" long. Cloth area is 1,137.5 sq. ft., air flow is 4,550 ACFM. Air to Cloth ratio is 4:1 (cfm/sf). Fan motor is rated at 10 hp. Exhaust temperature is 60 F. Unit serves transfer points to and from bucket elevator 732-08-412-03 under District Permit T007369. Facility has specified that the normal operating range for pressure differential is between TBD and TBD inches water column.

CONDITIONS:

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]
2. This baghouse shall operate as part of the process known as the Bulk Unloading System to control emissions from transfer points to and from bucket elevator 732-08-412-03 under District Permit T007369.
[District Rule 204]
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 opacity monitoring plan;
 - b. Monthly reading of baghouse pressure drop, date and value;
 - c. Bags and bag suspension system inspection (quarterly);

Fee Schedule: 7 (h) Rating: 1 device SIC: 3241 SCC: 30500609 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

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.
[District Rule 204; 40 CFR 60.1350]

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 not discharge into the atmosphere an exhaust stream that exhibits greater than ten (10) percent opacity.
[District Rule 401; 40 CFR 63.1345]

6.This baghouse shall discharge no more than 0.10 pounds per hour of PM10 at a maximum concentration of 0.005 grains/dscf of TSP at the operating conditions given in the above description (BACT). 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 Rule 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.This unit shall be equipped with a device to measure the pressure differential across the bags (manometer).
[District Rule 204]

9.The owner/operator shall conduct an initial Visual Emission and PM performance tests. Visual Emissions test shall be performed in accordance with EPA Method 9 and in accordance with Subpart LLL section 63.1349(b)(2). PM performance test shall be performed in accordance with EPA Method 5 or 51, and consist of three 1-hour tests. Opacity test results shall indicate that the baghouse stack emissions do not exceed 10 percent opacity as required by Condition 5 above. PM test results shall indicate that baghouse stack emissions do not exceed 0.10 pounds per hour of PM-10 and 0.005 gr/dscf of TSP as required by Condition 6 above. These performance tests shall be performed no later than 180 days of commencement of operation of this equipment.
[District Rules 204 and 1303; 40 CFR 63 Subpart LLL]

10.The owner/operator must submit a compliance/certification test protocol at least thirty (30) days prior to the compliance/certification test date. The owner/operator must conduct all required compliance/certification 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/certification test date so that an observer may be present. The final compliance/certification test results must be submitted to the District within forty-five (45) days of completion of the test. All compliance/certification test notifications, protocols, and results may be submitted electronically to reporting@mdaqmd.ca.gov.
[District Rule 204; 40 CFR 63.1348(a)]

11.This equipment shall not be operated until baghouse under District Permit C005190 and G-Cooler under District Permit B001083, located at CEMEX - Quarry Plant, have been permanently removed from service. Additionally, this equipment shall not be operated until Emission Reduction Credits under ERC Certificates #121 and #128 have been fully surrendered.
[District Rules 204, 1303, 1304 and 1305]