



## 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

C008660

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: 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-19) consisting of: Amerex 5408, pulse jet type, model RP-12-817 DG (19X43), 129,470 acfm, with 1634- 16 oz Polyester Bags operating at 162 degrees F, measuring 19" X 43' each. Air-to-Cloth Ratio of 4.2:1. Robinson 5399 fan motor is rated at 700hp. This unit serves Finish Mill #12 SKS air separator process permitted under B001093 Facility has specified that the normal operating range for pressure differential is between 2 and 8 inches water column.

#### **CONDITIONS:**

1. Operation of this baghouse shall meet all applicable sections of the Federal Portland Cement Manufacturing Industry MACT standard, 40 CFR 63 Subpart LLL, including but not necessarily limited to those sections referenced herein. In those instances where the conditions below conflict with the MACT standard, the MACT standard shall govern.

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. The owner/operator shall monitor opacity by conducting daily visual emissions observations in accordance with the procedures of Method 22 of 40 CFR 60 appendix A.

The duration of the Method 22 test shall be six minutes. If visible emissions are observed, the owner/operator must:

- Initiate, within one-hour, the corrective actions specified in the site specific operating and maintenance plan developed in accordance with 40 CFR 63.1350(a)(1) and (a)(2); and
- Within 24 hours of the end of the Method 22 test in which visible emissions were observed conduct a follow-up Method 22 test. If

Fee Schedule: 7 (h)

Rating: 1 device

SIC: 3241

SCC: 30500612

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

visible emissions are observed again, conduct a visual opacity test in accordance with Method 9 of 40 CFR 60 appendix A. When required, the duration of the Method 9 test shall be thirty minutes.

2.This baghouse shall operate concurrently with the Finish Mill #12 SKS Air Separator Process under district permit B001093.  
[District Rule 204]

3.The owner/operator (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.

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. Daily reading of baghouse pressure drop, date and value;
- c. Monthly inspection of the bags and bag suspension system;
- d. Daily baghouse stack observations using USEPA Method 22 (10-minute test). The Method 22 test shall be conducted while the baghouse is operating. The test is successful if no visible emissions are observed. If any visible emissions are observed, the owner/operator of the affected facility must initiate corrective action within 24 hours to return the baghouse to normal operation.
- e. Date and nature of any system repairs.

[40 CFR 63.1350(f), 1355(g), 40 CFR 64.7(d)]

4.The o/o shall institute a program of maintenance, visible emission determinations, and monthly visual inspections of all associated equipment, including the bags and their suspension systems, and measurements of the pressure differential across the bags.

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.The o/o shall log all applicable items, and all daily visible emissions observations, and any Method 9 tests conducted. The log shall also include bag replacements, repairs and non-scheduled maintenance information. The log shall be kept current for 5 years, and on-site for a minimum of 2 years and provided to District personnel on request.

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.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.

6.This baghouse shall discharge no more than 9.42 lb/hour of PM-10 at a maximum concentration of 0.01 grain/dscf PM-10 operating at the conditions described above. 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 install and maintain a device which measures the pressure differential across the bags if one has not been provided with this unit.

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 baghouse shall operate concurrently with the Finish Mill #12 SKS Air Separator Process under district permit B001093.

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.

[District Rule 204]

9.This baghouse shall discharge no more than 9.42 lb/hour of PM-10 at a maximum concentration of 0.01 grain/dscf PM-10 operating at the conditions described above.

9.The pollutant-specific emission unit (B001093), for which this baghouse controls is subject to the requirements of Compliance Assurance Monitoring (CAM) of 40 CFR 64. As such, this permit unit must be compliant with an approved CAM Plan. An excursion of the CAM Plan is defined as a differential pressure outside the range of 2 and 8 inches of column; and/or the presence of visible emissions, as demonstrated by condition 3(d) of this District Permit. Any excursion of the CAM Plan requires the owner operator to do the following:

a. Inspect the affected equipment;

b. Initiate a corrective action, within 24 hours; and

c. Report/Document the excursion in facility recordkeeping required under condition 3 of this District Permit.

[40 CFR 64.7(d)]

10.The o/o shall comply with District Rule 430, Breakdown Provisions, with regard to equipment malfunctions, which result in excess emissions.

10.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]