



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

RENEWAL

C002011

Renewal type Permit has no description information.

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-14) consisting of: Mikropul pulse jet type baghouse, Model 680 K-12-30TR 28, with 2040 polyester bags, each measuring 4 5/8" X 146" each, total filtration area of 28,824 sq ft, air flow of 115,000 cfm. Air to cloth ratio is 3.98:1. Fan motor is rated at 700 hp. Serving Finish Mill KFM-11 permitted under B000053 Facility has specified that the normal operating range for pressure differential is between 4 and 9 inches water column.

EQUIPMENT

Capacity	Equipment Description
0	Baghouse: KBH14 Sepax classifier product recovery, Mikropul pulse jet model 680K-12-30TR 28. Cloth area: 28,824 ft ² . A/C ratio: 3.98 @ 190 degrees F. Air Flow Range: 115,000 cfm.
700	Fan: Buffalo Forge model 1460-L-25 ID, @ 700 hp

CONDITIONS:

1. The owner/operator (o/o) shall operate this particulate control/process stream equipment in strict accord with the manufacturer's specifications and/or sound engineering principles. The operating instructions shall be immediately available for use by the operator and made available to the District upon request.

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: 30510105

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 maintain a log of all inspections, repairs, and maintenance on this equipment and submit it to the District upon request. The log shall be kept for a minimum period of five years.

2.This baghouse shall be operated concurrently with Finish Mill #11 (B000053).
[District Rule 204]

3.The baghouse shall be fitted with an airlock on each material discharge port.

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. Annual inspection of the bags and bag suspension system;
- d. Monthly 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 maintain on-site, as a minimum, an inventory of replacement bags that assures compliance with applicable Rules of District Regulation IV.

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 percent opacity.
[District Rule 401; 40 CFR 63.1343(b), 1345]

6.Particulate emissions shall not exceed a discharge grain loading of 0.02 gr/ACF of TSP. 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.This baghouse shall be fitted with an airlock on each material discharge port.
[District Rule 204]

9.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]

10.The pollutant-specific emission unit (B000053), 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 4 and 9 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)]

11.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]