



## MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

14306 Park Avenue Victorville, CA92392-2310  
760.245.1661 -- 800.635.4617 -- FAX760.245.2022

### PERMIT TO OPERATE

T007357

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, CA92392

#### EQUIPMENT LOCATION (Fac.#5)

CEMEX - Black Mountain Quarry Plant  
25220 Black Mountain Quarry Road  
Apple Valley, CA92307

#### Description:

PULVERIZED COAL BIN (FPFB4) consisting of: 12,300 gallon (50 ton capacity) bin served by baghouse FCM4BHC1 (C007358) and bin vent FPFB4V, a Mikropul Pulsaire Model 12-6-50 TR dust collector with 12 polyester bags totaling 85 square feet of surface area and filtering a maximum of 75 acfm of flow (for an air to cloth ratio of 0.9:1). Ancillary equipment includes explosion vent, plant air, agitator, new pfister feeder, high pressure CO2 system and those necessary electrical motors, controls and instrumentation to operate. This bin handles pulverized coal destined for combustion in Kiln Q3 burners (calciner and kiln). Facility elevation is 3643 feet above sea level.

#### CONDITIONS:

1. The owner/operator (o/o) shall maintain this equipment in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.  
[District Rules 204 and 1303]

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[District Rules 204 and 1303]

2. This equipment shall not be operated unless it is vented to the properly functioning baghouse FCM4BHC1 under valid District permit C007358, and through attached bin vent FPFB4V when accepting pneumatic fill.  
[District Rules 204 and 1303]

Fee Schedule: 5 (b)

Rating: 12300 gallons

SIC: 3241

SCC: 30500621

Location/UTM(Km): 476E/3826N

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, CA92392

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

2.This equipment shall not be operated unless it is vented to the properly functioning baghouse FCM4BHC1 under valid District permit C007358, and through attached bin vent FPF4V when accepting pneumatic fill.  
[District Rules 204 and 1303]

3.The o/o shall conduct a minimum program of inspection and maintenance on this equipment. 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. Monthly (or less frequently if allowed by a 40 CFR 63.1350 operations and maintenance plan) baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);  
b. Quarterly bag and bag suspension system inspection date and results;  
c. Date of bag replacements; and,  
d. Date and nature of any system repairs.  
[District Rules 204 and 1303]

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a. Monthly (or less frequently if allowed by a 40 CFR 63.1350 operations and maintenance plan) baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);  
b. Quarterly bag and bag suspension system inspection date and results;  
c. Date of bag replacements; and,  
d. Date and nature of any system repairs.  
[District Rules 204 and 1303]

4.This equipment shall be operated in compliance with applicable requirements of 40 CFR 60 Subpart Y - Standards of Performance for Coal Preparation Plants.  
[District Rules 204 and 1303]

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[District Rule 204; 40 CFR 60.250]

5.The bin vent shall not discharge into the atmosphere an exhaust stream that exhibits greater than twenty percent opacity (40 CFR 60.252(c)).  
[District Rules 204 and 1303]

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[District Rule 204; 40 CFR 60.252(c)]

6.The bin vent shall discharge no more than 0.01 pounds per hour of PM10 at a maximum concentration of 0.01 grains/dscf 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 Rules 204 and 1303]

6.The bin vent shall discharge no more than 0.01 pounds per hour of PM10 at a maximum concentration of 0.01 grains/dscf 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 Rules 204 and 1303]

7.The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.  
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[District Rules 204 and 1303]

8.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]

8.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]