



**MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT**

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

**INACTIVE**

B000028

Inactive type Permit has no description information.

**EXPIRES LAST DAY OF: JUNE 2002**

**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:**

KILN AND CLINKER COOLER NO. 9 SYSTEM consisting of: Controls: C000029 (28-FDC-9); C000030 (30-MDC-9)

**EQUIPMENT**

Capacity	Equipment Description
100	Kiln No. 9 - 30-K89 (10 6 Btu/h = 148)
20	Feed System
3	Coal Bin Vibrator
2.25	Thayer WB Feeder
5	Belt Conveyor
210	Coal Firing System
160	Clinker Cooler - 30-CC9
20	Clinker Breaker 30-CB9
5	Vibrating Conveyor - 30-VC5
0	Multiclone DC - 28-MDC9
350	Induced Draft Fan - 28-F9
30	Dust Return System (28-MDC9)

**CONDITIONS:**

Fee Schedule: 8 (f)

Rating: 150300000 Btu

SIC: 3241

SCC: 99999999

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**  
Eldon Heaston  
Air Pollution Control Officer

1. This equipment shall not be operated unless it is vented to the functioning air pollution control equipment covered by both valid District permits C000029 and C000030.

2. The sulfur content of coal (primary fuel) used in firing the kiln shall not exceed 0.9 lb per million Btu; the District prohibitory rules for emission limits (Rule 431) apply for all fuels used.

3. The sulfur content of fuel oil used in firing kiln shall not exceed two percent by weight as prescribed in Rule 431. No fuel oil may be stored on site unless it has a 0.9042 specific gravity or higher (25 degrees API or lower), in accordance with Rule 219(n)(3)(b), or is stored in containers with a valid operating permit.

4. All clinker produced by this kiln shall be transported from kiln clinker discharge pits directly to storage silos or closed storage building, except that the permittee, with the approval of the District, may designate a single intermediate site for the temporary open storage of an amount of clinker not to exceed 7 days kiln production.

5. Operation of kilns Nos. 8, 9, 1Q and 2Q utilizing any fuel or combination of fuels, i.e., natural gas, fuel oil, coal, petroleum coke, (and for kiln 2Q only) TDF and Gearite shall be limited to the extent that total daily emissions from cumulative kiln operations shall not exceed the limits in lb/day as follows:

NO<sub>x</sub> = 67,456

SO<sub>x</sub> = 6,982

CO = 30,000

HC = 585

PM = 1,719

The daily emissions for each operating day for kiln No. 9 and permit units B003319; B000084, and B001083 shall be recorded and/or calculated in manner approved by the District. The combined data for all kilns shall be submitted to the District within 30 days of the end of each calendar quarter. The company shall notify the District by telephone before noon of the day following any 24 hour period in which the emissions from the combined kilns of any regulated pollutant exceeds the daily emission limits specified above. The hydrocarbon emissions for kiln No. 9 shall be monitored using a continuous emission monitoring system (CEMS). The CEMS must be operated in accordance with District and EPA rules, regulations and guidelines. The daily emissions of the other criteria pollutants (CO, NO<sub>x</sub>, SO<sub>x</sub>, and PM) shall be taken from actual test data recorded during the reporting period. If no actual test data is available for a period of time during the reporting period, then the emissions reported are to be based on actual tests that have most recently been run on kiln No. 9. If no actual test data for kiln No. 9 is available, the daily emission level shall be calculated using the emission factors on page 3 of this permit.

6. Compliance tests shall be performed at the request of the District to assure compliance with emission limits and to develop actual emission factors for daily calculations.