

**TECHNICAL EVALUATION**  
**AND**  
**PRELIMINARY DETERMINATION**

**I. GENERAL INFORMATION**

**A. APPLICANT**

Continental Florida Materials, Inc.  
13450 W. Sunrise Boulevard, Suite 430  
Sunrise, FL 33323

Draft Permit No: 0310131-006-AC  
County: Duval

**B. PROJECT**

On July 8, 2009 the applicant, Continental Florida Materials, Inc., applied to the Department for a modification permit for the existing bulk cement distribution & storage facility located at 1996 East Beaver Street, Jacksonville, Duval County, FL 32202.

The names of some of the EU's have changed because the facility no longer receives cement from ships. The designations "white" and "gray" have been removed from EU descriptions since the facility no longer receives white cement. The facility name has also been changed from Lehigh Cement Company to Continental Florida Materials, Inc

**II. RULE APPLICABILITY**

The facility is located in an area designated as unclassifiable for the air pollutants particulate matter less than or equal to ten (10) micrometers, sulfur dioxide, and lead; in an air quality maintenance area for ozone, and in the area of influence of an air quality maintenance area for particulate matter pursuant to Chapter 62-204, Florida Administrative Code (FAC), and Rule 2.201, Jacksonville Environmental Protection Board (JEPB).

The facility is a minor source of air pollution because the potential emissions of regulated air pollutants are less than 100 tons per year pursuant to Chapter 62-210, FAC, and Jacksonville Environmental Protection Board (JEPB) Rule 2.301.

Reasonably Available Control Technology (RACT) requirements including **Specific RACT Emission Limiting Standards for Stationary Emission Units** [Rule 62-296.700(3), FAC, and Rule 2.1001, JEPB]; **Maximum Allowable Emission Rates** [Rule 62-296.700(4), FAC, and Rule 2.1001, JEPB]; **Circumvention** [Rule 62-296.700(5), FAC, and Rule 2.1001, JEPB], and **Operation and Maintenance Plan** [Rule 62-296.700(6), FAC, and Rule 2.1001, JEPB] shall apply to this emission unit.

**III. TECHNICAL EVALUATION**

**EU No.**  
001, 002

**EU Description**  
Cement is loaded into silos from railcars (silo nos. 1-8)

The following conditions are for each EU:

The volumetric flow rate for this baghouse is 18,000 cubic feet per minute (cfm).

The hours of operation for this emissions unit shall not exceed 2,080 hours/year (hrs/yr).

The maximum process rate shall not exceed 564.0 tons per hour (tons/hr) of cement.

**EU No.**  
004, 005, 010

**EU Description**  
Truck Loading System (silo nos. 1-8 to trucks)

The following conditions are for each EU:

The volumetric flow rate for this baghouse is 800 cfm. (1,200 cfm for EU 004)

The hours of operation for this emissions unit shall not exceed 2,080 hrs/yr.

The maximum process rate shall not exceed 130.0 tons/hr of cement.

**EU No.**  
008, 009, 011

**EU Description**  
Rail Loading System (silo nos. 1-8 to railcars)

The following conditions are for each EU:

The volumetric flow rate for each baghouse is 800 cfm. (1,000 cfm for EU 008)

The hours of operation for this emissions unit shall not exceed 2,080 hrs/yr.

The maximum process rate shall not exceed 130.0 tons/hr of cement.

**EU No.**  
006, 007

**EU Description**  
Bagging Nos. 1 and 2 (silo nos. 1-8 to bags)

The following conditions are for each EU:

The volumetric flow rate for this baghouse is 8,500 cfm. (8,000 cfm for EU 007)

The hours of operation for this emissions unit shall not exceed 2,080 hrs/yr.

The maximum process rate shall not exceed 20.0 tons/hr of cement.

#### **IV. CONCLUSION**

Based upon information provided by the applicant, the Department has reasonable assurance that the proposed modification of the bulk cement distribution & storage facility, as described in this application and subject to the conditions proposed herein, will not cause, or contribute to a violation of any ambient air quality standard or other technical provision of Chapters 62-296 and 62-297, FAC, JEPB Rules 2.1001 and 2.1101.