



Florida Department of Environmental Protection

Central District
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Secretary

Electronically Sent- Received Receipt Requested

FINAL PERMIT

PERMITTEE

Continental Florida Materials, Inc.
9012 Marlin Street
Cape Canaveral, Florida 32920

Authorized Representative:

Mr. Charles Piwowarski, South Region
Environmental Manager

Air Permit No. 0090057-005-AO
Permit Expires: 12/31/2016
Site Name : Cape Canaveral
Minor Source Air Operation Permit
Project Name: Renewal

This is the final air operation permit, which authorizes renewal of Air Operation Permit No. 0090057-003-AO to operate a Cement Storage and Transfer Facility. The work is conducted at the Cape Canaveral Site (Standard Industrial Classification No. 3241). The facility is located in Brevard County at 9012 Marlin Street in Cape Canaveral, Florida. The UTM coordinates are Zone 17, 538.30 km East, and 3142.10 km North.

This final permit is organized by the following sections:

Section 1. General Information

Section 2. Administrative Requirements

Section 3. Facility-wide and Emissions Unit Specific Conditions

Section 4. Appendices

Because of the technical nature of the project, the permit contains numerous acronyms and abbreviations, which are defined in Appendix A of Section 4 of this permit.

This air pollution permit is issued under the provisions of: Chapter 403 of the Florida Statutes (F.S.) and Chapters 62-4, 62-204, 62-210, 62-212, 62-296 and 62-297 of the Florida Administrative Code (F.A.C.). The permittee is authorized to conduct the proposed work in accordance with the conditions of this permit.

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative proceeding (hearing) under sections 120.569 and 120.57 of the Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. Petitions filed by the permit applicant or any of the parties listed below must be filed within fourteen days of receipt of this notice of final permit. Petitions filed by any persons other than those entitled to written notice under section 120.60(3) of the Florida Statutes must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of final permit, whichever

occurs first. Under section 120.60(3), however, any person who asked the Department for notice of agency action may file a petition within fourteen days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under sections 120.569 and 120.57 F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with rule 28-106.205 of the Florida Administrative Code.

All petitions filed under these rules shall contain:

- (a) The name and address of each agency affected and each agency's file or identification number, if known;
- (b) The name, address, and telephone number of the petitioner; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination;
- (c) A statement of when and how the petitioner received notice of the agency decision;
- (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
- (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action;
- (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action, including an explanation of how the alleged facts relate to the specific rules or statutes; and
- (g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the agency to take with respect to the agency's proposed action.

A petition that does not dispute the material facts upon which the Department's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by rule 28-106.301 of the Florida Administrative Code.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation is not available in this proceeding.

Any party to this order has the right to seek judicial review of it under section 120.68 of the Florida Statutes, by filing a notice of appeal under rule 9.110 of the Florida Rules of Appellate Procedure with the clerk of the Department of Environmental Protection in the Office of General Counsel, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, and by filing a copy of the notice of appeal accompanied by the applicable filing fees with

the appropriate district court of appeal. The notice must be filed within thirty days after this order is filed with the clerk of the Department.

Executed in Orange County, Florida



Caroline D. Shine
District Air Program Administrator
Central District

December 22, 2011
Effective Date

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Final Air Permit package (including the Final Permit and the Appendices) was sent by electronic mail (or a link to these documents made available electronically on a publicly accessible server) with received receipt requested before the close of business on December 28, 2011 to the persons listed below.

Mr. Charles Piwowarski, Lehigh Hanson (charles.piwowarski@hanson.com)
Mr. Edward Smith, Continental Florida Materials, Inc. (esmith@lehighcement.com)

Clerk Stamp

FILED, on this date, pursuant to Section 120.52, Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

(Clerk)

(Date)

SECTION 1. GENERAL INFORMATION (FINAL)

FACILITY AND PROJECT DESCRIPTION

Continental Florida Materials, Inc. – Cape Canaveral

The Cape Canaveral Site is a Cement Storage and Transfer Facility which includes eight cement storage silos, a Sly model STJ-1817-10 Tube jet baghouse (dust collector) used to control emissions from pneumatic loading and unloading of cementitious material from trucks to silos, ships to silos and silos to ships, three truck bays, and three (3) Fuller jet pulse dust collectors used to control emissions from the loading of cement into a tanker truck by the use of a dust recovery systems.

In addition to the typical pneumatic discharging methods, the following optional methods are acceptable **if visible emissions are limited to 5 percent opacity**:

- 1) Pneumatic/mechanical dockside ship loading and unloading
- 2) Hopper/grabber utilizing ship cranes and grab buckets

The existing facility consists of the following emissions units.

Facility ID No. 0090057	
ID No.	Emission Unit Description
001	Dust Collector #1
004	Dust Collector #4
005	Dust Collector #5
006	Dust Collector #6

Project Description

This project renews Air Operation Permit No. 0090057-003-AO and incorporates the minor modification Project No. 0090057-004-AO.

NOTE: Please reference the Permit No., Facility ID, and Emission Unit ID in all correspondence, test report submittals, applications, etc.

FACILITY REGULATORY CLASSIFICATION

- The facility is not a major source of hazardous air pollutants (HAP).
- The facility has no units subject to the acid rain provisions of the Clean Air Act (CAA).
- The facility is not a Title V major source of air pollution in accordance with Chapter 213, F.A.C.
- The facility is not a major stationary source in accordance with Rule 62-212.400(PSD), F.A.C.
- This facility is a natural minor source of air pollution.

PERMIT HISTORY/AFFECTED PERMITS

Replaces Permit No. 0090057-003-AO and Incorporates Minor Modification Project No. 0090057-004-AO.

SECTION 2. ADMINISTRATIVE REQUIREMENTS (FINAL)

1. Permitting Authority: The permitting authority for this project is the Florida Department of Environmental Protection, Central District Air Resource Management Section. The Central District's mailing address and phone number are:

Florida Department of Environmental Protection
Central District Office
Air Resource Management Section
3319 Maguire Blvd., Ste. 232
Orlando, FL 32803-3767 Telephone: 407-897-4100

All documents related to applications for permits shall be submitted to the above address.

2. Compliance Authority: All documents related to compliance activities such as reports, tests, and notifications shall be submitted to the Central District Air Resource Management Section (see above mailing address and phone number).
3. Appendices: The following Appendices are attached as part of this permit:
 - a. Appendix A. Citation Formats and Glossary of Common Terms;
 - b. Appendix B. General Conditions;
 - c. Appendix C. Common Conditions; and
 - d. Appendix D. Common Testing Requirements.
4. Applicable Regulations, Forms and Application Procedures: Unless otherwise specified in this permit, the construction and operation of the subject emissions units shall be in accordance with the capacities and specifications stated in the application. The facility is subject to all applicable provisions of: Chapter 403, F.S.; and Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-296 and 62-297, F.A.C. Issuance of this permit does not relieve the permittee from compliance with any applicable federal, state, or local permitting or regulations.
5. New or Additional Conditions: For good cause shown and after notice and an administrative hearing, if requested, the Department may require the permittee to conform to new or additional conditions. The Department shall allow the permittee a reasonable time to conform to the new or additional conditions, and on application of the permittee, the Department may grant additional time.
[Rule 62-4.080, F.A.C.]
6. Modifications: Unless otherwise exempt by rule, the permittee shall not initiate any construction, reconstruction, or modification at the facility and shall not install/modify any pollution control device at the facility without obtaining prior authorization from the Department. Modification is defined as: Any physical change or changes in the method of operations or addition to a facility that would result in an increase in the actual emissions of any air pollutant subject to air regulations, including any not previously emitted, from any emission unit or facility.
[Rules 62-210.200 - Definition of "Modification" and 62-210.300(1)(a), F.A.C.]
7. Operation Permit Renewal Application: A completed application for renewal of the operation permit shall be submitted to the Permitting Authority no later than 60 days prior to the expiration date of the operation permit. To properly apply for an operation permit, the applicant shall submit the following:

SECTION 2. ADMINISTRATIVE REQUIREMENTS (FINAL)

- a. the appropriate permit application form (*see current version of Rule 62-210.900, F.A.C. (Forms and Instructions), and/or FDEP Division of Air Resource Management website at: <http://www.dep.state.fl.us/air/>*);
- b. the appropriate operation permit application fee from Rule 62-4.050(4)(a), F.A.C.;
- c. copies of the most recent compliance test reports required by Specific Condition No. **A.11.**, if not previously submitted; (if applicable) and
- d. copies of the most recent two months of records/logs specified in Specific Condition No. **A.12.**

[Rules 62-4.030, 62-4.050, 62-4.070(3), 62-4.090, 62-210.300(2), and 62-210.900, F.A.C.]

SECTION 3. FACILITY-WIDE AND EMISSIONS UNIT SPECIFIC CONDITIONS (FINAL)

A. Facility-Wide Specific Conditions

This section of the permit addresses the following emissions units.

ID No.	Emission Unit Description
001	Dust Collector #1- Provides dust control for silos and to and from ships.
004	Dust Collector #4- Truck Scale #1; silo mounted dust collector providing dust control for truck loading activities.
005	Dust Collector #5- Truck Scale #2; silo mounted dust collector providing dust control for truck loading activities.
006	Dust Collector #6 Truck Scale #3; silo mounted dust collector providing dust control for truck and hopper loading activities.

PERFORMANCE RESTRICTIONS

- A.1. Permitted Capacity: The maximum daily process rate of each emissions unit shall not exceed the following:

Emissions Unit ID No.	Process Rate (tons/hour)
001	550
004	300
005	300
006	300

[Permit Application dated 10/27/2011; Rule 62-210.200(PTE), F.A.C.]

- A.2. Restricted Operation: The hours of operation are not limited (8760 hours per year).
[Rules 62-4.070(3) and 62-210.200(PTE), F.A.C.]

- A.3. Unconfined Emissions of Particulate Matter: The owner or operator shall take reasonable precautions to control unconfined emissions from hoppers, storage and conveying equipment, conveyor drop points, truck loading and unloading, roads, parking areas, stock piles, and yards as required by Rule 62-296.320(4)(c), F.A.C. Reasonable precautions for this facility shall include, but not be limited to, the following:

- Enclosure or covering of conveyor systems;
- Application of water or environmentally safe dust-suppressant chemicals when necessary to control emissions;
- Removal of particulate matter from roads and other paved areas under control of the owner or operator to mitigate reentrainment, and from building or work areas to reduce airborne particulate matter;
- Reduction of stock pile height or installation of wind breaks to mitigate wind entrainment of particulate matter from stock piles; and
- Use of a spray bar, chute, or partial enclosure to mitigate emissions at the drop point to the truck.

[Rules 62-296.414 and 62-296.320(4)(c), F.A.C.]

SECTION 3. FACILITY-WIDE AND EMISSIONS UNIT SPECIFIC CONDITIONS (FINAL)

A. Facility-Wide Specific Conditions

- A.4. Circumvention: No person shall circumvent any pollution control device or allow the emissions of air pollutants without the applicable air pollution control device operating properly.

[Rule 62-210.650, F.A.C.]

EMISSIONS STANDARDS

- A.5. Stack emissions: Emissions from silos, weigh hoppers (batchers), and other enclosed storage and conveying equipment shall be controlled to the extent necessary to limit visible emissions to 5 percent opacity. Additionally, pneumatic/mechanical dockside ship loading and unloading and activities involving hopper/grabber utilizing ship cranes and grab buckets shall be controlled to the extent necessary to limit visible emissions to 5 percent opacity.

[Rule 62-296.414(1), F.A.C.]

TESTING REQUIREMENTS

- A.6. Compliance Tests: During each federal fiscal year (October 1st to September 30th), each dust collector exhaust point shall be tested to demonstrate compliance with the emissions standards for stack emissions specified in Specific Condition A.5.

[Rules 62-4.070(3) and 62-297.310, F.A.C.]

- A.7. Test Requirements: Tests shall be conducted in accordance with the applicable requirements specified in Appendix D (Common Testing Requirements) of this permit.

[Rule 62-297.310, F.A.C.]

- A.8. Operating Rate During Testing: Testing of emissions shall be conducted with the emissions unit operation at permitted capacity. Permitted capacity is defined as 90 to 100 percent of the maximum operation rate specified in Specific Condition A.1. If it is impractical to test at permitted capacity, subsequent emissions unit operation is limited to 110 percent of the test load until a new test is conducted. Once the unit is so limited, operation at higher capacities is allowed for no more than 15 consecutive days for the purpose of additional compliance testing to regain the authority to operate at the permitted capacity.

[Rule 62-297.310(2), F.A.C.]

- A.9. Test Method(s): Required tests shall be performed in accordance with the following reference method(s).

EPA Method	Description of Method and Comments
9	Visual Determination of the Opacity of Emissions from Stationary Sources Test shall last thirty minutes or the length of the batch/cycle.

The above method(s) are described in Appendix A of 40 CFR 60 and are adopted by reference in Rule 62-204.800, F.A.C. No other method(s) may be used unless prior written approval is received from the Department.

[Rules 62-204.800 and 62-297.100, F.A.C.; and Appendix A of 40 CFR 60]

SECTION 3. FACILITY-WIDE AND EMISSIONS UNIT SPECIFIC CONDITIONS (FINAL)

A. Facility-Wide Specific Conditions

NOTIFICATION REQUIREMENTS

- A.10. Test Notification: The permittee shall notify the Compliance Authority at least 15 days prior to any required tests. The notification must include the following information: the date, time, and location of each test; the name and telephone number of the facility's contact person who will be responsible for coordinating the test; and the name, company, and the telephone number of the person conducting the test.

{Permitting Note: The notification should also include the relevant emission unit ID No(s), test method(s) to be used, and pollutants to be tested.}

[Rules 62-4.070(3) and 62-297.310(7)(a)9., F.A.C.]

RECORDS AND REPORTS

- A.11. Test Reports: The permittee shall prepare and submit reports for all required tests in accordance with the requirements specified in Appendix D (Common Testing Requirements) of this permit.

[Rule 62-297.310(8), F.A.C.]