Florida Department of Environmental Protection
Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

Rick Scott
Governor

Jennifer Carroll
Lt. Governor

Herschel T. Vinyard Jr.
Secretary

Electronically Sent- Received Receipt Requested

FINAL PERMIT

PERMITTEE

Tarmac America, LLC
455 Fairway Drive, Ste. 200
Deerfield Beach, FL 33441

Authorized Representative: Ms. Cindy Burns,
Director of Environmental and Property Development

Air Permit No. 1270018-009-AO
Permit Expires: 11/30/2016
Site Name: Edgewater Facility
Minor Source Air Operation Permit
Project Name: Renewal

This is the final air operation permit, which authorizes operation of a cement terminal, a ready-mix concrete batch plant, and a concrete block plant (Standard Industrial Classification No. 3271). The facility is located in Volusia County at 200 North Flagler Avenue in Edgewater, Florida. The UTM coordinates are Zone 17, 508.22 km East, and 3206.86 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. This project is subject to the general preconstruction review requirements in Rule 62-212.300, F.A.C. and is not subject to the preconstruction review requirements for major stationary sources in Rule 62-212.400, F.A.C. for the Prevention of Significant Deterioration (PSD) of Air Quality.

Upon issuance of this final permit, 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 (Mail Station #35, 3900 Commonwealth Boulevard, 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 30 days after this order is filed with the clerk of the Department.

Executed in Orange County, Florida

Caroline D. Shine 11/21/11

Caroline D. Shine
District Air Program Administrator
Central District

Effective Date

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Final Air Permit package (including the Final Determination, 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 Nov. 22, 2011 to the persons listed below.

Ms. Cindy Burns, Director of Environmental and Property Development (**cburns@titanamerica.com**)
Ms. Abby Diaz, Environmental Engineer (**adiaz@titanamerica.com**)

Clerk Stamp

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

11/22/11

(Clerk) (Date)

FACILITY AND PROJECT DESCRIPTION

Tarmac America, LLC-Edgewater Facility

The facility is a cement terminal, a ready-mix concrete batch plant, and a concrete block plant. The existing facility consists of the following emissions units:

Facility ID No. 1270018	
ID No.	Emission Unit Description
001	Ready-Mix Concrete Batch Plant
002	Block Plant Cement Storage Silo
005	Cement Terminal-Central Dust Collector

Project Description:

This project is an air operation permit renewal for the existing facility.

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.

PERMIT HISTORY/AFFECTED PERMITS

Replaces Permit No. 1270018-008-AO.

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 is:

   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. Application for Non-Title V Air Operation Permit (Renewal): The permittee shall apply for a Non-Title V air operation permit at least 60 days prior to expiration of this permit. To apply for a Non-Title V air operation permit, the applicant shall submit the following:

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.; and

c. a copy of the most recent compliance test report(s) required by Specific Condition No. **A.11.**, if not previously submitted.

The application shall be submitted to the Permitting Authority.
[Rules 62-4.030, 62-4.050, and 62-4.220, F.A.C.]

B. EU No. 001, 002, and 005

This section of the permit addresses the following emissions units.

ID No.	Emission Unit Description
001	Ready-Mix Concrete Batch Plant
002	Block Plant Cement Storage Silo
005	Cement Terminal-Central Dust Collector

PERFORMANCE RESTRICTIONS

A.1. Permitted Capacity: The maximum process rate for each material processed shall not exceed the following:

Emission Unit	Material	Process Rate (tons/hr.)
Ready-Mix Concrete Batch Plant	Concrete	not limited (same as a general permit)
Block Plant Cement Storage Silo	Concrete	not limited (same as a general permit)
Cement Terminal-Central Dust Collector	Cement	150 tons/hr. (for compliance testing purposes)

[Rule 62-210.200(PTE), F.A.C.]

A.2. Operation: The cement terminal, ready-mix concrete batch plant, and the concrete block plant are permitted to operate continuously. [Rules 62-4.070(3) and 62-210.200(PTE), F.A.C.]

A.3. Circumvention: The permittee shall not circumvent the facility air pollution control equipment or allow the emission of air pollutants without this equipment operating properly. [Rule 62-210.650, F.A.C.]

EMISSIONS STANDARDS

A.4. Visible Emissions (VE) Limitation: 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. Visible emissions from the facility, excluding concrete batch plants, are limited to less than 20 percent opacity.
[Rule 62-296.414 and 62-296.320(4)(b)1., F.A.C.]

A.5. Unconfined Emissions: 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. Reasonable precautions may include, but are not limited to, the following:

a) Enclosure or covering of conveyor systems;
b) Application of water or environmentally safe dust-suppressant chemicals, when necessary, to control emissions;
c) Removal of particulate matter from roads and other paved areas under control of the permittee to mitigate reentrainment, and from building or work areas to reduce airbourne particulate matter;

d) Reduction of stock pile height or installation of wind breaks to mitigate wind entrainment of particulate matter from stock piles if needed; and
e) Use of 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]

TESTING REQUIREMENTS

A.6. General Compliance Testing: Per the conditions of Rule 62-297.310(7)(a), F.A.C., each dust collector shall be tested annually for compliance with the visible emission limiting standard of Rule 62-296.414(1), F.A.C. [Rules 62-4.070(3) and 62-296.414(1), 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. Test Method: Required tests shall be performed in accordance with the following reference method.

Method	Description of Method and Comments
EPA Method 9	Visual Determination of the Opacity of Emissions from Stationary Sources

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]

A.9. Operating Rate During Testing: Visible emissions tests of the baghouse/dust collector shall be conducted while loading/unloading the silo at a rate that it representative of the normal silo loading/unloading rate. The minimum loading rate shall be 25 tons per hour unless such rate is unachievable in practice. [Rule 62-296.414(3)(c), F.A.C.]

NOTIFICATION REQUIREMENTS

A.10. Test Notification: The permittee shall notify the Compliance Authority, at least 15 days prior to the date on which each formal compliance test is to begin of the date, time, and place of each such test, and the test contact person who will be responsible for coordinating and having such test conducted for the owner or operator. [Rule 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. [Rules 62-297.310(8) and 62-296.414, F.A.C.]