



# Florida Department of Environmental Protection

Bob Martinez Center  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Charlie Crist  
Governor

Jeff Kottkamp  
Lt. Governor

Michael W. Sole  
Secretary

March 26, 2008

Mr. Terry Lancaster  
Tarmac America, LLC  
Tarmac- Longwood Ready Mix Concrete Plant  
1750 Cross Road 427  
Longwood, Florida 32750

Dear Mr. Lancaster:

This is to acknowledge that your notification of intent to use the authority of Rule 62-210.310 to operate your facility was received on February 20, 2008. We have assigned ARMS No. 1170008-003 to this facility.

As you know, pursuant to Florida Statutes section 403.814, authority to operate under general permits commences thirty days after receipt of the registration form unless you have been notified by this office that your facility has not shown entitlement to operate pursuant to the rule provisions.

For your information, authority to operate pursuant to Rule 62-210.310 expires after 5 years. Therefore, a new registration form must be received no later than 5 years after the date your notice was received as indicated above. If your general permit rule conditions require testing, such testing must be completed within the time frame specified in the rule.

If you have any additional questions, please contact Dickson Dibble at 850/921-9586.

Sincerely,

Sandra F. Veazey, Chief  
Bureau of Air Monitoring  
and Mobile Sources

SFV/pg

cc: Mrs. Caroline Shine, Central District

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FEB 15 2008

DEP Central Dist.

FEB 22 2008

CONCRETE BATCHING PLANT  
AIR GENERAL PERMIT REGISTRATION FORM

Air Monitoring  
Mobile Source

Part II. Notification to Permitting Office

(Detach and submit to appropriate permitting office; keep copy onsite)

**Instructions:** To give notice to the Department of an eligible facility's intent to use this air general permit, the owner or operator of the facility must detach and complete this part of the Air General Permit Registration Form and submit it to the appropriate Department of Environmental Protection or local air pollution control program office which has permitting authority. Please type or print clearly all information, and enclose the appropriate air general permit registration processing fee pursuant to Rule 62-4.050, F.A.C. (\$100 as of the effective date of this form)

1170008-003

Registration Type

Check one:

**INITIAL REGISTRATION** - Notification of intent to:

- Construct and operate a proposed new facility.
- Operate an existing facility not currently using an air general permit (e.g., a facility proposing to go from an air operation permit to an air general permit).

**RE-REGISTRATION** (for facilities currently using an air general permit) - Notification of intent to:

- Continue operating the facility after expiration of the current term of air general permit use.
- Continue operating the facility after a change of ownership.
- Make an equipment change requiring re-registration pursuant to Rule 62-210.310(2)(e), F.A.C., or any other change not considered an administrative correction under Rule 62-210.310(2)(d), F.A.C.

Surrender of Existing Air Operation Permit(s) - For Initial Registrations Only

If the facility currently holds one or more air operation permits, such permit(s) must be surrendered by the owner or operator upon the effective date of this air general permit. In such case, check the first box, and indicate the operation permits being surrendered. If no air operation permits are held by the facility, check the second box.

- All existing air operation permits for this facility are hereby surrendered upon the effective date of this air general permit; specifically permit number(s):  
1170008-001AG
- No air operation permits currently exist for this facility.

General Facility Information

**Facility Owner/Company Name** (Name of corporation, agency, or individual owner who or which owns, leases, operates, controls, or supervises the facility.)

Tarmac America LLC

**Site Name** (Name, if any, of the facility site; e.g., Plant A, Metropolis Plant, etc. If more than one facility is owned; a registration form must be completed for each.)

Tarmac - Longwood Ready Mix Concrete Plant

**Facility Location** (Provide the physical location of the facility, not necessarily the mailing address.)

Street Address: 1750 CR 427

City: Longwood

County: Seminole

Zip Code: 32750

**Facility Start-Up Date** (Estimated start-up date of proposed new facility.) (N/A for existing facility)

NA

3755  
2272

2008 FEB 19 PM 4:04  
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PERMITTING

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

**Owner/Authorized Representative**

Name and Position Title (Person who, by signing this form below, certifies that the facility is eligible to use this air general permit.)

Print Name and Title: Terry Lancaster, Environmental Manager

Owner/Authorized Representative Mailing Address

Organization/Firm: Tarmac America LLC

Street Address: 455 Fairway Drive

City: Deerfield Beach

County: Broward

Zip Code: 33441

Owner/Authorized Representative Telephone Numbers

Telephone: 954-425-4227

Fax: 954-480-9352

Cell phone (optional):

**Facility Contact (If different from Owner/Authorized Representative)**

Name and Position Title (Plant manager or person to be contacted regarding day-to-day operations at the facility.)

Print Name and Title: Same as above

Facility Contact Mailing Address

Organization/Firm:

Street Address:

City:

County:

Zip Code:

Facility Contact Telephone Numbers

Telephone:

Fax:

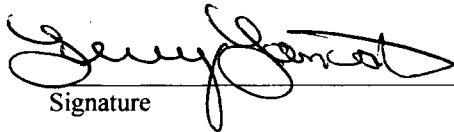
Cell phone (optional):

**Owner/Authorized Representative Statement**

This statement must be signed and dated by the person named above as owner or authorized representative

- I, the undersigned, am the owner or authorized representative of the owner or operator of the facility addressed in this Air General Permit Registration Form. I hereby certify, based on information and belief formed after reasonable inquiry, that the facility addressed in this registration form is eligible for use of this air general permit and that the statements made in this registration form are true, accurate and complete. Further, I agree to operate and maintain the facility described in this registration form so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof.

I will promptly notify the Department of any changes to the information contained in this registration form.

  
Signature

14 Feb 08  
Date

**Type of Facility**

Check one:

**Stationary Facility**

**Relocatable Facility**

**Type(s) of Reasonable Precautions Used to Prevent Unconfined Emissions**

Check all precautions to be used for the management of roads, parking areas, stock piles and yards:

**Pave Roads**

**Pave Parking Areas**

**Pave Yards**

**Maintain Roads/Parking/Yards**

**Use Water Application**

**Use Dust Suppressant**

**Remove Particulate Matter**

**Reduce Stock Pile Height**

**Install Wind Breaks**

Check all precautions to be used for the management of drop points to trucks:

**Spray Bar**

**Chute**

**Enclosure**

**Partial enclosure**

**Description of Reasonable Precautions**

Below, or as an attachment to this form, provide details of all types of reasonable precautions to be used to prevent unconfined emissions at the facility.

Fugitive emissions from the plant yard will be minimized by the utilization of paved yard and parking surfaces, washing/wetting of yard, and by washdown of loadout and slump stand areas. Fugitive emissions from stockpiles of fine grained materials will be minimized by the application of water sprays and reducing the height of stockpiled materials.

### Description of Facility

Below, or as an attachment to this form, provide a description of the concrete batching plant operations at the facility in sufficient detail to demonstrate the facility's eligibility for use of this air general permit and to provide a basis for tracking any future equipment or process changes at the facility. Describe all air pollutant-emitting processes and equipment at the facility, and identify any air pollution control measures or equipment used.

The Tarmac-Longwood ready mix concrete plant (the Plant) produces concrete by batching or mixing cement with other materials such as sand, aggregates, flyash, and slag. Therefore, it meets the "meaning" of the term "concrete batching plant" as identified in Rule 62-296.414. As such, the Plant meets the specific eligibility criteria of 62-210.310(5)(b).

Based on typical process rates and the composition of raw materials and admixture chemicals used in the production of concrete/concrete products and manufacturing processes utilized at Tarmac ready mix concrete plants, the potential to emit hazardous air pollutants (HAPs) is well below the 10 tons per year (for any single HAP) and 25 tons per year (for any combination of HAPs) thresholds established in the rule.

Estimates of typical Tarmac concrete batch plants potential to emit for "other" regulated air pollutants indicate that emissions of particulate matter, although always a concern, are well below the 100 ton per year limit required for eligibility to operate under a Concrete Batching Plant Air General Permit.

The facility consists of a single concrete batching operation with associated material storage silos. The facility operates approximately 6-days per week, 52-weeks per year. Emission units associated with the Plant are one single celled material storage silo, one split cell (2 separate compartments) material storage silo, weigh scale, and truck loadout. Dedicated silo top mounted baghouses have been added to the three material storage silos in lieu of control by the central dust collector.

Specific application of dust control systems are as follows.

- ✓ • Storage Silo #1 (North side of split silo)  
WAM Model R01 silo top mounted baghouse
- Storage Silo #2 (South side of split silo)  
WAM Model R01 silo top mounted baghouse
- Storage Silo #3 (Single celled silo)  
WAM Model R01 silo top mounted baghouse
- ✓ • Weigh Scale/Truck Loadout  
Vince Hagen Model VH-1094 ground mounted central dust collector

February 12, 2008

Wanda Parker-Garvin  
Compliance Manager  
Air Resources Management  
FDEP - Central District  
3319 Maguire Blvd. Ste 232  
Orlando, FL 32803-3767

OK # 130

RECEIVED  
FEB 13 2008  
DEP Central Dist.



Tarmac America LLC  
455 Fairway Drive  
Deerfield Beach, FL 33441  
(954) 481-2800  
Fax (954) 421-0296  
www.titanamerica.com

RE: Concrete Batching Plant Air General Permit Registration  
Tarmac America LLC – Longwood RMC Plant  
Permit 1170008-002 AG

Dear Ms. Parker-Garvin:

The Tarmac America LLC (Tarmac) Longwood Ready Mix Concrete (RMC) Plant located at 1750 CR 427, Longwood, Florida, in Seminole County has made changes to its dust control systems. Specifically, particulate matter emissions from the three material storage silos previously controlled by the central dust collection system are now controlled by three individual silo top mounted baghouses, one on each silo.

Tarmac has enclosed the *Concrete Batching Plant Air General Permit Registration Form* to include the replacements made to the dust control systems as described in the “old” permit. Also enclosed is my personal check number 130 in the amount of \$100 as payment of the air general permit registration processing fee required by the Florida Department of Environmental Protection (DEP) per Rule 62-4.050, F.A.C.

Visible emissions (VE) testing of all plant dust control systems has been scheduled for February 26, 2008. The required 15-day notification for the VE testing was made to the FDEP – Central District office on February 8, 2008.

A letter of authorization, naming Ms. Terry Lancaster, Titan America/Tarmac America Environmental Manager - Florida Business Unit, as an authorized representative for all Tarmac America LLC and Titan America LLC facilities regarding environmental related issues was previously provided to FDEP – Central District.

Should you have any further questions, please contact me by telephone at 954-242-0183 or via email at [kfolsom@titanamerica.com](mailto:kfolsom@titanamerica.com).

Sincerely,

Kelly Folsom  
Environmental Engineer

Attachments - Air General Permit Registration Form  
- K. Folsom check #130

Cc: Terry Lancaster – Deerfield Beach

**Florida Department of Environmental Protection**  
**Cash Receiving Application (CRA)**  
**Cashlisting by Deposit #: 281471 thru 281471**  
**Printed: 2/21/2008 8:05:07 AM - Page 8**

Cashlisting: **66826**    Cashlist Area: **3755**    Description: **DIV OF AIR RESOURCES MGMT.**  
 Deposit No: **281471**    Date Deposited: **02/20/2008**    Contact: **E. WALKER**

Object	Transmittal	Dep DDN	Receipt Number	Pre-Numbered Receipt	Name	Check Number	Payment Amount	Reference Account	Payment Number	Remittance Number	Fund
002272	47085		616269		KELLY FOLSOM	130	\$100.00	<i>1170008-003 2/28/08-CCB</i>	862349	766197	PFTF
	47085		616271		INTEGRATED ENGINEERING SOLUTIO	10406	\$100.00		862352	766199	PFTF
	47085		616270		INTEGRATED ENGINEERING SOLUTIO	10405	\$100.00		862351	766198	PFTF
<b>Object Code 002272 Subtotal:</b>							<b>\$300.00</b>				
002275	47077	480726	616175		ST. VINCENT'S MEDICAL CENTER	0575379	\$250.00	0310068	862326	766103	APCTF
	47077	480727	616176		SPURLIN INDUSTRIES, INC.	01761	\$2,475.00	0050057	862327	766104	APCTF
	47077	480732	616181		TWIN VEE, INC.	9119	\$803.20	1110111	862337	766109	APCTF
<b>Object Code 002275 Subtotal:</b>							<b>\$3,528.20</b>				
002278	47077	480730	616179		GLENCO CONSTRUCTION CO, INC.	12777	\$300.00	47561	862335	766107	APCTF
	47077	480731	616180		ARIZONA CHEMICAL	3813000891	\$200.00	47557	862336	766108	APCTF
<b>Object Code 002278 Subtotal:</b>							<b>\$500.00</b>				
<b>Cashlisting 66826 Total:</b>							<b>\$4,328.20</b>				