



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

August 22, 2008

Mr. Terry Lancaster
Environmental Manager
Tarmac America, Incorporated
2575 North Avocado Avenue
Melbourne, Florida 32935

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 July 17, 2008. We have assigned ARMS No. 0090013-005 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: Ms. Caroline Shine, Central District

**CONCRETE BATCHING PLANT
AIR GENERAL PERMIT REGISTRATION FORM**

Part II. Notification to Permitting Office

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

RECEIVED
JUN 21 2008
Bureau Of Air, Water,
& Mobile Sources

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)

0090013-005

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): _____
- 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, Inc.

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.)

Melbourne RMC and Block

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

Street Address: 2575 N. Avocado Ave.

City: Melbourne

County: Brevard

Zip Code: 32935

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

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, Inc.

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): 561-504-6787

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: Terry Lancaster-Environmental Manager

Facility Contact Mailing Address

Organization/Firm: same as above

Street Address:

City:

County:

Zip Code:

Facility Contact Telephone Numbers

Telephone:

Fax:

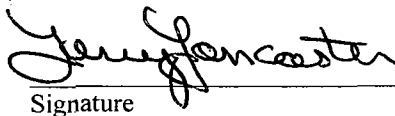
Cell phone (optional):

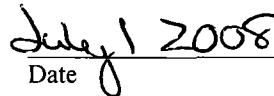
Owner/Authorized Representative Statement

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


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.

Maintain dust collectors and perform a daily Method 22.

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.

Emission Unit 01 - Ready Mix Concrete Facility

Ready-mix concrete plant producing 100 cubic yards/hour [± 187 tons/hour] — 12 hours/day; 6 day/week; 52 weeks/year — ~~emissions from cement/flyash/PenCem storage silos, weigh hopper, & RMC truck loadout controlled by a central dust collector.~~

7/25 PER T. LANCASTER ONLY WEIGH HOPPER & LOADOUT CONTROLLED BY CENTRAL D/C.

Emission Unit 02 – Concrete Block Production Facility

A concrete block plant producing 1375 blocks/hr [± 12.8 tons/hour] of concrete - 16 hour/day; 6 days a week; 52 weeks/year -with emissions from a cement storage bin controlled by a baghouse mounted on the top of the cement silo.

D.E.D.

EU 01

Vince Hagan Model VH-1203JP

WEIGH HOPPER & TRUCK LOADOUT

D.E.D.

Model VH-1203JP is a "jet pulsed" free standing baghouse dust collector. Collector has 110 - 6"x84" bags with a 1203 ft² of cloth area with an air to cloth ratio of 6:1. Unit operates automatically and manually. Bags are cleaned via pulse jet with timer.

EU 02

ADDED

C&W Model CP-305

NEW SILO - CEMENT D.E.D.

Top of silo baghouse controlling a storage silo. The collector has 8 -8" x 39" cartridges with 356 total filtration areawith an air to cloth ratio (ACFM/sq. ft.) of 4.5. Bags are cleaned via pulse jet with timer.

EU 03 & EU 04

SPLIT SILO

C&W Model LPR-8-S

EXISTING - CEMENT/FLYASH D.E.D.

Two top of silo mounted baghouses. One controlling each compartment of a split storage silo. Each collector has 8 -8" x 39" cartridges with 356 total filtration area with an air to cloth ratio(ACFM/Ft²) of 6. Bags are cleaned via pulse jet with timer.

EU 05

BLOCK PLANT CEMENT SILO D.E.D.

Griffin Environmental Model 36-J

Model 36-J on top of cement storage silo. The collector has 36 - 4" x 42" bags with 125 ft² of cloth area for an air to cloth ratio of 9:1. The baghouse operates only when the silos are being filled. A shaker mechanism is utilized for purpose of cleaning the bags.

Vent Height: ± 50 feet

Vent Area: 0.2ft²

Gas Flow Rate: 920 CFM

Gas Exit Temperature: Ambient

Water Vapor Content: Ambient

Velocity: ~70 FPS

Process Input Rate

± 25 tons per hour cementitious material loading rate into storage silos

CK #
0000243810

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

July 8, 2008

Mr. Jim Bradner
Florida Department of Environmental Protection
Division of Air Resource Management – Central District
3319 Maguire Blvd., Suite 232
Orlando, Florida 32803-3767

RECEIVED

JUL 10 2008

DEP Central Dist.

Re: Air General Permit Renewal
Tarmac – Melbourne Ready-Mix Concrete and Block Plants
Permit No. 0090013-003-AG

Dear Mr. Bradner:

We will be upgrading our Melbourne batch plant with new dust collectors to more effectively adhere to specification requirements. This is an official submittal for the renewal of our Concrete *Batching Plant Air General Permit*. Please find enclosed the following items:

- Completed *Concrete Batching Plant Air General Permit Notification Form 62-210.920(8)*
- Check in the amount of \$100 to cover permit processing fees

The visible emissions test will be performed within 30 days of the start up date as required. If you have any further questions regarding this permit application, please feel free to contact me at 561-252-0057.

Thank you,

Abigail Diaz

Abigail Diaz
Environmental Engineer

Florida Department of Environmental Protection
Cash Receiving Application (CRA)
Cashlisting by Deposit #: 291031 thru 291031
Printed: 7/17/2008 4:11:22 PM - Page 12

Cashlisting: **69764** Cashlist Area: **3755** Description: **DIV OF AIR RESOURCES MGMT.**
 Deposit No: **291031** Date Deposited: **07/17/2008** Contact: **E. WALKER**

Object	Transmittal	Dep DDN	Receipt Number	Pre-Numbered Receipt	Name	Check Number	Payment Amount	Reference Account	Payment Number	Remittance Number	Fund	Grant
002272	49576	484589	631400		TODD DEGUSIPE	0102	\$100.00		891065	789722	PFTF	
	49576	484598	631409		TITAN AMERICA	0000243810	\$100.00		891073	789731	PFTF	
Object Code 002272 Subtotal:							\$200.00					
002278	49576	484591	631402		CROSS REMEDIATION INC	16004	\$1,000.00	49428	891066	789724	APCTF	
	49576	484592	631403		COOPER AND ASSOCIATES	11645	\$200.00	49764	891067	789725	APCTF	
Object Code 002278 Subtotal:							\$1,200.00					
002303	49576	484593	631404		HILLSBOROUGH COUNTY BOCC	03133664	\$600.00		891081	789726	PFTF	
Object Code 002303 Subtotal:							\$600.00					
002304	49576	484593	631404		HILLSBOROUGH COUNTY BOCC	03133664	\$600.00		891084	789726	PFTF	
	49576	484593	631404		HILLSBOROUGH COUNTY BOCC	03133664	\$200.00		891079	789726	PFTF	
	49576	484593	631404		HILLSBOROUGH COUNTY BOCC	03133664	\$1,300.00		891085	789726	PFTF	
Object Code 002304 Subtotal:							\$2,100.00					
002309	49576	484593	631404		HILLSBOROUGH COUNTY BOCC	03133664	\$20.00		891083	789726	PFTF	
	49576	484593	631404		HILLSBOROUGH COUNTY BOCC	03133664	\$20.00		891082	789726	PFTF	
	49576	484593	631404		HILLSBOROUGH COUNTY BOCC	03133664	\$20.00		891080	789726	PFTF	
Object Code 002309 Subtotal:							\$60.00					

0090013-005
7/25/2008-CCB