

APR 06 2010

CONCRETE BATCHING PLANT AIR GENERAL PERMIT REGISTRATION FORM

BUREAU OF AIR POLLUTION
& MOBILE SOURCES

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)

0110030-005

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):
0110030-001-AG
☐ 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.)

Pompano Beach Ready Mix Concrete and Block Plants

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

Street Address: 1400 N.W. Hammondville Road

City: Pompano Beach

County: Broward

Zip Code: 33069

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

N/A

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): (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: Abigail Diaz

Facility Contact Mailing Address

Organization/Firm: Tarmac America, LLC

Street Address: 455 Fairway Drive

City: Deerfield Beach

County: Broward

Zip Code: 33441

Facility Contact Telephone Numbers

Telephone: (954) 425-4199

Fax: (954) 480-9352

Cell phone (optional): (561) 252-0057

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**Ready Mix Concrete Facility**

Ready-mix concrete plant producing 120 cubic yards/hour [± 225 tons/hour] — 16 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.

Concrete Block Production Facility

A concrete block plant producing 1800 blocks/hr [± 57 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.

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.

✓ Ready Mix Concrete Plant

EU 01, 02 and 03 - C&W Manufacturing Company Model CP-LPR-6

Three (3) silo top mounted baghouses controlling three cement/flyash/PenCem silo compartments. Each collector has 8 - 8" x 39" cartridges with 365 sq.ft. of filtration area and CFM of 2,340 for an air to cloth ratio of 6.4 (ACFM/sq.ft.). The baghouses have a pulse jet with timer for a cartridge cleaning mechanism.

EAST - SLAG
CEMENT
#1 & 2 - SPLIT
W-FLYASH
#3 - TALLER -
CEMENT

✓ EU 04 - C&W Manufacturing Company Model CP-305 - CEMENT ←

One (1) silo top mounted baghouse controlling a single stand alone PenCem/flyash storage silo. The collector has 8 - 8" x 39" cartridges with 365 sq. ft. of filtration area and CFM of 1,600 for an air to cloth ratio of 4.5 (ACFM/sq.ft.). Jet pulsed compressed air is utilized to clean baghouse cartridges.

✓ EU 05 - C&W Manufacturing Company Model KR-1100

One (1) central dust collector controlling the weigh hopper and mixer truck loadout spout. The collector has 70 - 6" x 120" bags with 1100 sq. ft. of cloth area for an air to cloth ratio of 6:1. Bags are cleaned via pulse jet with timer.

✓ Block Plant

EU 06 - Griffin Environmental Model 36-J

Model 36-J on top of cement/flyash storage silo. The collector has 36 - 4" x 42" bags with 125 sq.ft. of cloth area for an air to cloth ratio of 9:1. A shaker mechanism is utilized for cleaning the bags.

SLAG ←

✓ EU 07 and 08 - WAM Model R01

Two (2) silo top mounted Model R01 baghouses, each controlling a cement storage silo. The collector has four Polypleat cylindrical filters. The baghouses utilize reverse air, equipped with an automatic sequence timer to clean the filter media.

1 - CEMENT
SPLIT 2 - CEMENT ←

Process Input Rate

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

04/09/10 -

1530 hrs

PER TELECON

W/ ABIGAIL DEAR

R.

RECEIVED

APR 06 2010

Air IV
Mobile Source



A Titan America Business

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

28 March 2010

FDEP
Receipts
Post Office Box 3070
Tallahassee, FL 32315-3070

Re: Air General Permit Renewal
Tarmac America, Inc. – Pompano Beach Ready-Mix Concrete and Block Plant
Permit No. 0110030-AG

Dear Sir or Madam:

This is an official submittal for the renewal of our *Concrete Batching Plant Air General Permit*. Please find enclosed the following items:

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

The visible emissions testing on the equipment has been performed. If you have any further questions regarding this permit application, feel free to contact me at 561-252-0057.

Thank you,

Abigail Diaz
Abigail Diaz
Environmental Engineer

Tarmac
A Titan America Business



455 Fairway Drive
Deerfield Beach, FL 33441

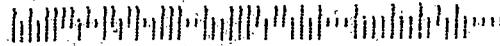
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