



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

Dept. Of Environmental Protection

DEC 13 2007

Southwest District

2007 DEC 10 PM 2:40

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D.C. ENVIRONMENTAL
PROTECTION DIVISION

December 6, 2007

Mr. David Jacobs
Pro-Crete Precast, Incorporated
3621 Ethan Lane
Orlando, Florida 32814

Dear Mr. Jacobs:

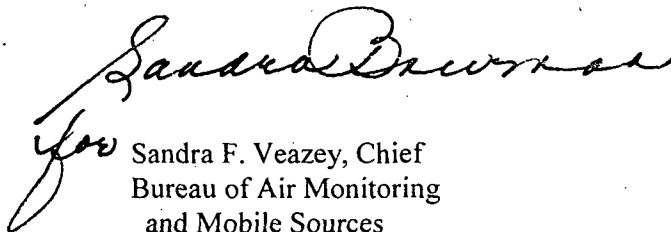
This is to acknowledge that your notification of intent to use the authority of Rule 62-210.310 to operate your facility was received on October 29, 2007. We have assigned ARMS Number 1190047-001 to this facility.

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: Mr. Hamp Pridgen, Orange County
SW 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)

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)

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.)

Pro-Crete Precast, Inc. David Jacobs - President

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.)

Pro-Crete Precast, Wildwood Plant.

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

Street Address: Lot 8 Willard Pebbles Industrial Park
 City: Wildwood, FL County: Sumter Zip Code: 34785

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

March, 2008.

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: David Jacobs, President

Owner/Authorized Representative Mailing Address

Organization/Firm: David Jacobs
Street Address: 3621 Ethan Ln
City: Orlando, FL County: Orange Zip Code: 32814

Owner/Authorized Representative Telephone Numbers

Telephone: _____ Fax: _____
Cell phone (optional): (407) 765-4208
email: dauidjacobsjr@gmail.com

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:

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.

David Jacobs
Signature

10/22/2007
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.

★ See attachment

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.

~~*~~ See Attachment

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.

1. All roads to be paved and maintained including parking areas and yards.
2. Application of water to control emissions.
3. Removal of particulate matter from roads and other paved areas, and from building or work areas with sweeping and filtered vacuum equipment.
4. Installation of walls and roof at stock pile sites to mitigate wind entrainment of particulate matter from stock piles. Also stock pile height not to be greater than height of walls.
5. Use of water mist spray bar, if moisture content is low in the materials, at the dump point of the trucks and on the stock piles.
6. Visible emissions tests of silo dust collector exhaust points shall be conducted while loading the 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.

Operations Description:

Sand and gravel delivered to the stockpiles in covered dump trucks. During dry conditions, water fog/misting will be used to contain dust. Sand and gravel is transported from the stockpiles to the aggregate batch bins by front-end loader with sufficient moisture content to prevent any dust. Sand & gravel are dispensed from the batcher onto a weigh belt conveyor and then transferred to a inclined belt conveyor to the mixer.

Cement is delivered in tank trailers & transferred to the silo thru hose from air injecting blower. Silo is equipped with dust filtering baghouse, as described below, to remove cement dust from exhaust air. Cement is transferred to the cement batcher, located above the covered mixer, by auger screw conveyor with flexible hose between auger discharge and batcher inlet. Vent hose is attached between cement batcher and mixer lid. Mixer has water spray bar for materials added to mixer.

Silo Baghouse Details:

Manufacturer & Model No.: Belgrade Steel Tank Co. - Belle 150

Silo baghouse: Belle 150 Dust House

Type of Particulate Controlled: Cement Dust

Design max. flow rate: 375 acfm

Average expected: 375 acfm

Gas stream temperature (deg. F): Ambient

Particulate Grain Loading: 0.01 grain/scf

Pressure drop: 5" in H₂O

Water Vapor Content of Effluent Stream: Ambient (lb water/lb dry air)

Fan Requirements: N/A (hp), N/A (cubic ft/min)

Particulate Distribution (by weight):

0.0 - 0.5 micron: inlet 0%, outlet 99.98%

0.5 - 1.0 micron: inlet 3%, outlet 0.02%

1.0 - 5.0 micron: inlet 17%, outlet 0.00%

5.0 - 10.0 micron: inlet 18%, outlet 0.00%

10.0 - 20.0 micron: inlet 21%, outlet 0.00%

over 20.0 micron: inlet 41%, outlet 0.00%

Filter Characteristics:

Filtering Velocity: 2.5 acfm/sq ft of cloth

Bag Diameter: 8"

Bag Length: 48"

Number of Bags: 18

Number of Compartments in Baghouse: 1

Bag rows will be: Staggered

Walkways will be provided between banks of bags: No

Filter Material: PE 37 100% Polyester 9oz.

Describe Bag Cleaning Method and Cycle: Air Vibrator Shaker

Capital Installed Cost: \$1,700

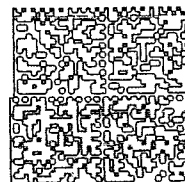
Annual Operating Cost: \$50

MS# 5510 MOA# 5527

Department of Environmental Protection
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Tallahassee FL 32399-2400

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