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CONCRETE BATCHING PLANT  
AIR GENERAL PERMIT REGISTRATION FORM

DIVISION OF AIR  
RESOURCE MANAGEMENT

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)

0251017-005

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):  
0251017-004-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.)

Continental Florida Materials, 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.)

Continental Florida Materials, Inc. - Miami Downtown RMC

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

Street Address: 2111 Northwest 1st Place

City: Miami

County: Miami-Dade

Zip Code: 33127

4820

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

N/A

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**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: Charles Piwowarski, Area Environmental Manager

Owner/Authorized Representative Mailing Address

Organization/Firm: Lehigh Hanson, Inc.

Street Address: 840 West Avenue

City: DeLand

County: Volusia

Zip Code: 32720

Owner/Authorized Representative Telephone Numbers

Telephone: 386-734-6228

Fax: 386-738-7018

Cell phone (optional): 407-408-5917

**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: Ceasar Soto, Production Manager

Facility Contact Mailing Address

Organization/Firm: Continental Florida Materials, Inc.

Street Address: 13450 West Sunrise Boulevard, Suite 430

City: Sunrise

County: Broward

Zip Code: 33323

Facility Contact Telephone Numbers

Telephone: 305-572-9138

Fax: 305-573-4074

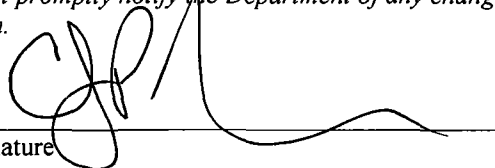
Cell phone (optional): 954-410-2997

**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 4/2/2012

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**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:

<input checked="" type="checkbox"/> Pave Roads	<input checked="" type="checkbox"/> Pave Parking Areas	<input checked="" type="checkbox"/> Pave Yards
<input checked="" type="checkbox"/> Maintain Roads/Parking/Yards	<input checked="" type="checkbox"/> Use Water Application	<input type="checkbox"/> Use Dust Suppressant
<input type="checkbox"/> Remove Particulate Matter	<input type="checkbox"/> Reduce Stock Pile Height	<input type="checkbox"/> Install Wind Breaks

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

<input checked="" type="checkbox"/> Spray Bar	<input checked="" type="checkbox"/> Chute	<input checked="" type="checkbox"/> Enclosure
	<input type="checkbox"/> 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 will be controlled with the use of water when necessary.

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**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.

Continental Florida Materials, Inc. operates a concrete batch plant consisting of three silos, truck load out, weigh hopper, and aggregate bins. The following emission points are located at this facility:

EU 001 Concrete Batch Plant:

EP 001 South Silo - 800BBL Vince Hagan Silo (Cement)  
Besser Silo DCS-260 Dust Collector (260 sqft - Polyester Bags, 550 CFM)

EP 002 North Silo - 800BBL Vince Hagan Silo (Cement Supplement)  
Besser Silo DCS-260 Dust Collector (260 sqft - Polyester Bags, 550 CFM)

EP 003 West Split Compartment Middle Silo - 800BBL Vince Hagan Silo (Cement)  
Besser Silo DCS-260 Dust Collector (260 sqft - Polyester Bags, 550 CFM)

EP 004 East Split Compartment Middle Silo - 800BBL Vince Hagan Silo (Cement)  
Besser Silo DCS-260 Dust Collector (260 sqft - Polyester Bags, 550 CFM)

EP 005 Weigh Hopper/Truck Load Out - The emissions are controlled by the Vince Hagan Model VH-1083JP Jet-Pulse Central Dust Collector. The design efficiency of the unit is 99.8% at 1 Micron. The CDC has 1083 Sq.Ft. Cloth Area at 6500 CFM.

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442 North W. W. White Road  
 San Antonio, Texas 78219 USA  
 phone: (210) 333.1111 • fax: (210) 333.1508  
 www.besser.com

**TABLE 11  
 FABRIC FILTERS**

<b>Point Number (from Flow Diagram)</b>	<b>Manufacturer &amp; Model No. (if available)</b> Besser DCS-260
<b>Name of Abatement Device</b> Silo Dust Collector	<b>Type of Particulate Controlled</b> Cement / Flyash

**GAS STREAM CHARACTERISTICS**

<b>Flow Rate (acfm)</b>		<b>Gas Stream Temperature (°F)</b>	<b>Particulate Grain Loading (grain/scf)</b>	
<b>Design Maximum</b> >800	<b>Average Expected</b> 550	<b>Ambient</b>	<b>Inlet</b> >25	<b>Outlet</b> <0.01
<b>Pressure Drop (in. H<sub>2</sub>O)</b> 2" - 8"		<b>Water Vapor Content Of Effluent Stream (lb water/lb dry air) Relative</b>	<b>Fan Requirements (hp) (ft<sup>3</sup>/min)</b> N/A	

**PARTICULATE DISTRIBUTION  
 (By weight)**

<b>Micron Range</b>	<b>Inlet</b>	<b>Outlet</b>
0.0-0.5	0.04 %	<0.05 %
0.5-1.0	0.4 %	<0.05 %
1.0-5.0	2.4 %	<0.05 %
5-10	10.4 %	<0.05 %
10-20	9.9 %	<0.05 %
Over 20	76.86 %	0 %

**FILTER CHARACTERISTICS**

<b>Filtering Velocity (acfm/ft<sup>2</sup> of Cloth)</b> 2.12	<b>Bag Diameter (in)</b> 4.5	<b>Bag Length (ft)</b> 5'7"	<b>Number of Bags</b> 42	<b>Number of Compartments in Baghouse</b> 1
<b>Bag rows will be:</b> Staggered		<b>(Straight)</b>	<b>Walkways will be provided between banks of bags</b> Yes (No)	
<b>Filtering Material: 10 oz. Signed Polyester Felt / Filtering Efficiency 99.9 %</b>				
<b>Describe Bag Cleaning Method and Cycle: Mechanical Shaker</b>				
<b>Capital Installed \$ _____ Cost Annual Operating Cost \$ _____</b>				
<b>ADDITIONAL INFORMATION</b>				

On separate sheets attach the following:

- A. Details regarding principle of operation
- B. An assembly drawing (Front and Top View) of the abatement device dimensioned and to scale clearly showing the design, size and shape.

If the device had bypasses, safety valves, etc., include in drawing and specify when such bypasses are to be used and under what condition.

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### **VH1083JP "In-Truss" CENTRAL DUST COLLECTOR**

The Hagan exclusive "In-Truss" Jet-Pulse Central Dust Collector is the only dust collector that travels on a mobile or portable concrete plant. The unit is pre-mounted, pre-wired and pre-tested at the factory and eliminates set-up time. The jet pulse is state-of-the art

design that will meet both state and federal EPA requirements on your concrete batch plant.

Features Include:

- Installed on Hagan mobile plants to eliminate a load of freight
- "Jet-Pulse" cleaning design for continuous operation
- 1083 to 1203 Sq.Ft. Cloth area
- 6500 TO 7800 CFM
- 99.8% @ 1 Micron Efficiency
- Polyester fume bags with cage for collection of cement dust
- Truck shrouds to accommodate all style of trucks
- Automatic dust reclaim system available
- AQMD (Air Quality Manufacturers Division) rated and plated

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**Lehigh Hanson**  
HEIDELBERGCEMENT Group

Lehigh Hanson  
840 West Avenue  
DeLand, Florida 32724  
(386) 734-6228  
(386) 740-0556

April 2, 2012

**FedEx Tracking Number: 798239437940**

FDEP Receipts  
3800 Commonwealth Blvd.  
MS 77  
Tallahassee, FL 32399

**RE: Continental Florida Materials, Inc. Miami Downtown Ready Mix Plant  
Air General Permit Registration: ARMS ID: 0251017**

To whom it may concern:

Continental Florida Materials, Inc. (CFM) is submitting this concrete batching plant air general permit registration for re-registration of the Miami Downtown Ready Mix facility to the Florida Department of Environmental Protection (FDEP) Division of Air Resource Management in Tallahassee. The Miami Downtown Ready Mix facility currently operates under Air General Permit No. 0251017-004-AG. The facility is located at 2111 Northwest 1<sup>st</sup> Place, Miami, Miami-Dade County, 33127.

**CFM has enclosed the Concrete Batching Plant Air General Permit Registration Form [new DEP Form No. 62-210.920(2)(b), effective January 10, 2007] for the re-registration of the existing facility. Also enclosed is the required \$100 air general permit registration processing fee per Rule 62-4.050(4)(p)(2), F.A.C.**

If you have any questions or comments, please do not hesitate to contact me at (386) 734-6228.

Sincerely,

Lehigh Hanson  
Environmental Safety and Health

  
Charles J. Piwowarski  
Environmental Manager

Attachment: Concrete Batching Plant Air General Permit Registration Form  
Lehigh Hanson Check Number: 20975836 \$100.00

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