

**CONCRETE BATCHING PLANTS
AIR GENERAL PERMIT EXAMPLE REGISTRATION WORKSHEET**

Facility Identification Number - If known (seven digit number)

0250671

0250671-006

RECEIVED

JUN 28 2012

Registration Type

**DIVISION OF AIR
RESOURCE MANAGEMENT**

Check one:

INITIAL REGISTRATION - Notification of intent to:

- Construct and operate a proposed new facility.
- Operate an existing permitted 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). 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. (See "Surrender of Existing Air Operation Permit(s)" below.)
- Operates an existing facility not currently permitted or using 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.
- 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 Applicable

All existing air operation permits for this facility are hereby surrendered upon the effective date of this air general permit; specifically permit number(s):

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 complete registration must be submitted for each.)
Continental Florida Materials - Miami West RMC

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

Street Address: 2000 Northwest 110th Avenue

City: Miami

County: Miami-Dade

Zip Code: 33172

1912

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

N/A

2012 JUN 27 AM 9:45
 DIVISION OF AIR RESOURCE MANAGEMENT
 RECEIVED

*LENNY-
HANSON*

Facility Contact

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

Print Name and Title: Cesar Soto, Production Manager

Facility Contact Telephone Numbers

Telephone: 305-436-9178

Fax: 305-994-7398

Cell phone: 954-410-2997

E-mail: CSoto@lehighcement.com

Facility Contact Mailing Address

Organization/Firm: Continental Florida Materials, Inc.

Mailing Address: 13450 West Sunrise Boulevard, Suite 430

City: Sunrise

County: Broward

Zip Code: 33323

Correspondence Contact/Representative (to serve as additional Department contact)

Name and Position Title

Print Name and Title: Charles Piwowarski, Area Environmental Manager

Correspondence Contact/Representative Telephone Numbers

Telephone: 386-734-6228

Fax: 386-738-7018

Cell phone: 407-408-5917

E-mail: Charles.Piwowarski@hanson.com

Correspondence Contact/Representative Mailing Address

Organization/Firm: Lehigh Hanson

Mailing Address: 840 West Avenue

City: DeLand

County: Volusia

Zip Code: 32720

Government Facility Code (check only one)

- Facility not owned or operated by a federal, state, or local government.**
- Facility owned or operated by the federal government.**
- Facility owned or operated by the state.**
- Facility owned or operated by the county.**
- Facility owned or operated by the municipality.**
- Facility owned or operated by a water management district.**

2012 JUN 27 AM 9:45
LEHIGH HANSON
CIVIL ENGINEERING

LEHIGH HANSON
CIVIL ENGINEERING

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

Equipment Details Provide information for each silo, weigh hopper (batcher), and other enclosed storage and conveying equipment that are limited to a visible emissions of 5 percent opacity pursuant to Rule 62-296.414(1), F.A.C.

PROCESS EQUIPMENT TYPE (silo, weigh hopper, batcher, etc.)	PROCESS EQUIPMENT IDENTIFICATION*	CONTROL DEVICE (baghouse, vent filter, etc.)	CONTROL DEVICE MANUFACTURER	CONTROL DEVICE MODEL NUMBER
SOUTH SIDE SPLIT CENTER SILO	SILO #1	Truss Mounted CDC	Vince Hagan	VH-1083JP
NORTH SIDE SPLIT CENTER SILO	SILO #2	Truss Mounted CDC	Vince Hagan	VH-1083JP
WEST SILO	SILO #3	Baghouse	Besser	DCS-260
EAST SILO	SILO #4	Baghouse	Besser	DCS-260
WEIGH HOPPER/TRUCK LOAD-OUT	CDC	Truss Mounted CDC	Vince Hagan	VH-1083JP

* If there are multiple pieces of the same types of process equipment (more than one silo, etc), provide an identifier (location, numeric designation, capacity or product) specific to each piece of equipment.

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 type of concrete product(s) manufactured, all air pollutant-emitting processes, and identify any air pollution control measures used. Mobile source equipment information is not needed (eg.: trucks, bulldozers, front-end loaders, etc.)

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:

EP 001 South Side Center Silo - Vince Hagan Silo (Cement) - The emissions are controlled by the Vince Hagan Model VH-1083JP Jet-Pulse Central Dust Collector.

EP 002 North Side Center Silo - Vince Hagan Silo (Cement) - The emissions are controlled by the Vince Hagan Model VH-1083JP Jet-Pulse Central Dust Collector.

EP 003 West Silo - 800BBL Vince Hagan Silo (Cement Supplement) - Besser Silo Top DCS-260 Dust Collector

EP 004 East Silo - 800BBL Vince Hagan Silo (Cement) - Besser Silo Top DCS-260 Dust Collector

EP 005 Weigh Hopper/Truck Load Out - The emissions are controlled by the Vince Hagan Model VH-1083JP Jet-Pulse Central Dust Collector.

JUN 27 AM 9:45
 112 JUN 27 AM 9:45
 112 JUN 27 AM 9:45

BESSER

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

RECEIVED

JUN 28 2007

TABLE 11
 FABRIC FILTERS

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

GAS STREAM CHARACTERISTICS

Flow Rate (acfm)		Gas Stream Temperature (°F)	Particulate Grain Loading (grain/scf)	
Design Maximum >600	Average Expected 550	Ambient	Inlet >25	Outlet <0.01
Pressure Drop (in. H ₂ O) 2" - 6"		Water Vapor Content Of Effluent Stream (lb water/lb dry air) Relative	Fan Requirements (hp) (ft ³ /min) N/A	

PARTICULATE DISTRIBUTION
 (By weight)

Micron Range	Inlet	Outlet
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

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

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.

2012 JUN 27 AM 9:45
 RECEIVED
 AIR QUALITY
 MANAGEMENT
 DIVISION



What's In Stock? ✓

NEW-Containerized
Concrete Batch Plants ✓

Dry Concrete Batch
Plants ✓

Central Mixers ✓

Central Mix Concrete
Batch Plants ✓

Dust Collectors ✓

Conveyors ✓

Silo ✓

SAC Reclaimer ✓

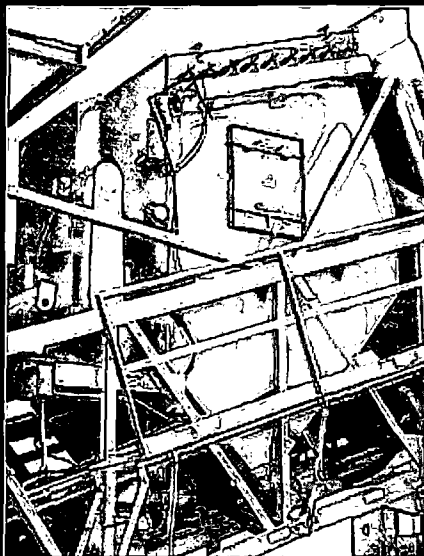
Screw Feeders ✓

Slump Chek ✓

Product Literature ✓

Customer Installations ✓

Used Equipment for
Sale ✓



**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

[View Detailed PDF Brochure](#)

4/2/2012 4:57:08 PM

Lehigh Hanson
HEIDELBERGCEMENT Group

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

June 26, 2012

FedEx Tracking Number: 798553327618

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

RECEIVED

JUN 28 2012

DIVISION OF AIR
RESOURCE MANAGEMENT

**RE: Continental Florida Materials, Inc. Miami West Ready Mix Plant
Air General Permit Registration: ARMS ID: 0250671**

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 West 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. 0250671-005-AG. The facility is located at 2000 Northwest 110 Avenue, Miami, Miami-Dade County, 33172.

CFM has enclosed the Concrete Batching Plant Air General Permit Example Registration Worksheet 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: 20993670 \$100.00

2012 JUN 27 AM 9:45
DIVISION OF AIR RESOURCE MANAGEMENT
TALLAHASSEE, FLORIDA