

**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)

Bureau of Air Management
& Mobile Sources

APR 01 2009

RECEIVED

0694842-004

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.)

FLORIDA BUILDING 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.)

SORRENTO FACILITY

Facility ID: 0694842

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

Street Address: 31525 4TH STREET

City: SORRENTO

County: LAKE

Zip Code: 32776

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: PAUL GORDON, CHIEF OPERATING OFFICER

Owner/Authorized Representative Mailing Address

Organization/Firm: FLORIDA BUILDING MATERIALS, INC.

Street Address: 33 EAST MAIN STREET

City: APOPKA

County: ORANGE

Zip Code: 32703

Owner/Authorized Representative Telephone Numbers

Telephone:(407) 886- 5546

Fax:(407) 339- 7491

Cell phone (optional):(407) 468-7895

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.

Paul Gordon
Signature

3-25-2009
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.

Precautions to Prevent Emissions of Unconfined Emissions

1. Maintenance of roads, parking area, and yards or the application of water to unpaved roads, parking areas, and yards to control emissions.
2. The use of sprinklers on stock piles if necessary.
3. Removal of particulate matter from roads and other paved areas under the control of the owner or operator of the facility to prevent the reentrainment, and from buildings or work areas to prevent particulate from becoming airborne.
4. Landscaping or planting of vegetation.

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.

THIS FACILITY PRODUCES READY MIX CONCRETE AND CONCRETE PRODUCTS (CONCRETE BLOCK).

THE READY MIX CONCRETE IS MADE FROM CEMENT, FLYASH, ROCK, SAND, AND WATER.

THE READY MIX PLANT OPERATES AT A MAXIMUM RATE OF 400 TONS/HOUR.

THE CONCRETE PRODUCTS (BLOCKS) ARE MADE FROM CEMENT, ROCK, SAND, AND WATER.

THE BLOCK PLANT OPERATES AT A MAXIMUM RATE OF 1000 BLOCKS/HOUR.

(NOTE: DUE TO CURRENT ECONOMIC CONDITIONS, THE BLOCK PLANT IS NOT BEING OPERATED AT THIS TIME. THIS BLOCK PLANT WILL BE TESTED FOR VISIBLE EMISSIONS WHEN IT IS PUT BACK INTO OPERATION)

THIS FACILITY CAN OPERATE 3120 HOURS PER YEAR.

THE CONCRETE BATCH PLANT HAS 1 ELEVATED SPLIT CEMENT SILO WITH 2 SILO MOUNTED BAGHOUSE'S. THE BAGHOUSE'S ARE MANUFACTURED BY C & W MANUFACTURING AND SALES CO. AND ARE MODEL NUMBER LP 310, SERIAL NUMBERS 33 AND 34. THESE BAGHOUSE'S ARE 99.99 % EFFICIENT FOR THE COLLECTION OF PARTICULATE MATTER.

THE CONCRETE BATCH PLANT ALSO HAS 1 ELEVATED FLY-ASH SILO WITH 1 SILO MOUNTED BAGHOUSE. THE BAGHOUSE IS MANUFACTURED BY C & W MANUFACTURING AND SALES CO. AND IS MODEL NUMBER CP 450, SERIAL NUMBER 11972. THIS BAGHOUSE IS 99.99 % EFFICIENT FOR THE COLLECTION OF PARTICULATE MATTER.

THE CONCRETE BATCH PLANT ALSO HAS A WEIGH HOPPER THAT IS CONTROLLED WITH A SMALL BAGHOUSE WITH 2 BAGS. THIS IS MANUFACTURED BY C & W MANUFACTURING AND SALES CO. DUST FROM THE CONCRETE LOAD-OUT CHUTE TO THE MIXER TRUCKS IS CONTROLLED WITH A WATER SPRAY.

THE CONCRETE PRODUCTS (BLOCK PLANT) PLANT HAS 1 ELEVATED SPLIT CEMENT SILO WITH 2 SILO MOUNTED BAGHOUSE'S. THE BAGHOUSE'S ARE MANUFACTURED BY C & W MANUFACTURING AND SALES CO. AND ARE MODEL NUMBER LP-6, SERIAL NUMBERS 310 AND 315. THESE BAGHOUSE'S ARE 99.99 % EFFICIENT FOR THE COLLECTION OF PARTICULATE MATTER.

Facility Name Florida Building Materials, Inc.	
Address 31525 4th Street Sorrento, Florida	
County Lake	
Phone 352 735-4900	Permit Number 0694845-002-AG
Process Equipment Concrete Batch Plant Split Silo	
Control Equipment North Side Cement Silo Baghouse	
Describe Emission Point Baghouse Outlet	
Height of Emission Point (feet) Start ~60 Finish ~60	Height Relative to Observer (feet) Start ~55 Finish ~55
Distance From observer (feet) Start 500 Finish 500	Direction To Emission Point (deg.) Start 250 Finish 250
Angle To Observation Point (deg.) Start 6 Finish 6	Direction To Observation Point (deg.) Start 250 Finish 250
Distance and Direction From Emission Point to Observation Point (feet & deg.) Start Same Point Finish Same Point	
Was Steam Present Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	If Steam Was Present The Plume Was Attached <input type="checkbox"/> Detached <input type="checkbox"/>
Emission Color Start Clear Finish Clear	
Describe Emission Start Dust Finish Dust	
Describe Background Start Sky Finish Sky	
Background Color Start Blue Finish Blue	
Sky Conditions Start Clear Finish Clear	
Wind Speed (mph) Start 5 Finish 5	Wind Direction Start E Finish E
Ambient Temperature (F) Start 64 Finish 64	Wet Bulb Temperature (F) 59 RH Percent 78
<p>Magnetic North</p> <p>Symbols</p> <p>Sun </p> <p>Wind </p> <p>Stack and Plume </p> <p>Site Layout: Silo, Split Silo, Emission Point, Observer Position, Sun Location Line</p>	
Longitude 81° 28.3965' W	Latitude 28° 15.4304' N
Process Data Unloading Rate = 27.42 tons/hour @10 -12 psi Normal Batching in Progress	
Observer Name Kent D. Bottorf	Certified By Aeromet-Orlando
Date 2/5/09	
Observer signature 	Date 3/24/09

Observation Date	Start Time				Stop Time
3/24/09	9:15				9:45
Min/Sec	0	15	30	45	Comments
1	0	0	0	0	
2	0	0	0	0	
3	0	0	0	0	
4	0	0	0	0	
5	0	0	0	0	
6	0	0	0	0	
7	0	0	0	0	
8	0	0	0	0	
9	0	0	0	0	
10	0	0	0	0	
11	0	0	0	0	
12	0	0	0	0	
13	0	0	0	0	
14	0	0	0	0	
15	0	0	0	0	
16	0	0	0	0	
17	0	0	0	0	
18	0	0	0	0	
19	0	0	0	0	
20	0	0	0	0	
21	0	0	0	0	
22	0	0	0	0	
23	0	0	0	0	
24	0	0	0	0	
25	0	0	0	0	
26	0	0	0	0	
27	0	0	0	0	
28	0	0	0	0	
29	0	0	0	0	
30	0	0	0	0	
Highest 6 Minute Opacity				Number of Readings Above	
0				0 % Were 0	
Maximum Reading				Minimum Reading	
0				0	

Facility Name Florida Building Materials, Inc.	
Address 31525 4th Street Sorrento, Florida	
County Lake	
Phone 352 735-4900	Permit Number 0694845-002-AG
Process Equipment Concrete Batch Plant Split Silo	
Control Equipment South Side Cement Silo Baghouse	
Describe Emission Point Baghouse Outlet	
Height of Emission Point (feet) Start ~60 Finish ~60	Height Relative to Observer (feet) Start ~55 Finish ~55
Distance From observer (feet) Start ~500 Finish ~500	Direction To Emission Point (deg.) Start 250 Finish 250
Angle To Observation Point (deg.) Start 6 Finish 6	Direction To Observation Point (deg.) Start 250 Finish 250
Distance and Direction From Emission Point to Observation Point (feet & deg.) Start Same Point Finish Same Point	
Was Steam Present Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	If Steam Was Present The Plume Was Attached <input type="checkbox"/> Detached <input type="checkbox"/>
Emission Color Start Clear Finish Clear	
Describe Emission Start Dust Finish Dust	
Describe Background Start Sky Finish Sky	
Background Color Start Blue Finish Blue	
Sky Conditions Start Clear Finish Clear	
Wind Speed (mph) Start 5 Finish 5	Wind Direction Start E Finish E
Ambient Temperature (F) Start 65 Finish 66	Wet Bulb Temperature (F) 59 RH Percent 72
Longitude 81° 28.3965' W	Latitude 28° 15.4304' N
Process Data Unloading Rate = 27.42 tons/hour @10 -12 psi Normal Batching in Progress	
Observer Name Kent D. Bottorf	Certified By Aeromet-Orlando
Observer signature <i>Kent D. Bottorf</i>	Date 2/5/09
Date 3/24/09	

Observation Date	Start Time				Stop Time
3/24/09	9:50				10:20
Min/Sec	0	15	30	45	Comments
1	0	0	0	0	
2	0	0	0	0	
3	0	0	0	0	
4	0	0	0	0	
5	0	0	0	0	
6	0	0	0	0	
7	0	0	0	0	
8	0	0	0	0	
9	0	0	0	0	
10	0	0	0	0	
11	0	0	0	0	
12	0	0	0	0	
13	0	0	0	0	
14	0	0	0	0	
15	0	0	0	0	
16	0	0	0	0	
17	0	0	0	0	
18	0	0	0	0	
19	0	0	0	0	
20	0	0	0	0	
21	0	0	0	0	
22	0	0	0	0	
23	0	0	0	0	
24	0	0	0	0	
25	0	0	0	0	
26	0	0	0	0	
27	0	0	0	0	
28	0	0	0	0	
29	0	0	0	0	
30	0	0	0	0	
Highest 6 Minute Opacity					Number of Readings Above
0					0 % Were 0
Maximum Reading					Minimum Reading
0					0

Facility Name Florida Building Materials, Inc.	
Address 31525 4th Street Sorrento, Florida	
County Lake	
Phone 352 735-4900	Permit Number 0694845-002-AG
Process Equipment Concrete Batch Plant Flyash Silo	
Control Equipment Flyash Silo Baghouse	
Describe Emission Point Baghouse Outlet	
Height of Emission Point (feet) Start ~60 Finish ~60	Height Relative to Observer (feet) Start ~55 Finish ~55
Distance From observer (feet) Start ~500 Finish ~500	Direction To Emission Point (deg.) Start 250 Finish 250
Angle To Observation Point (deg.) Start 6 Finish 6	Direction To Observation Point (deg.) Start 250 Finish 250
Distance and Direction From Emission Point to Observation Point (feet & deg.) Start Same Point Finish Same Point	
Was Steam Present Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	If Steam Was Present The Plume Was Attached <input type="checkbox"/> Detached <input type="checkbox"/>
Emission Color Start Clear Finish Clear	
Describe Emission Start Dust Finish Dust	
Describe Background Start Sky Finish Sky	
Background Color Start Blue Finish Blue	
Sky Conditions Start Clear Finish Clear	
Wind Speed (mph) Start 5 Finish 5	Wind Direction Start E Finish E
Ambient Temperature (F) Start 65 Finish 66	Wet Bulb Temperature (F) 59 RH Percent 72
<p>Magnetic North</p> <p>Symbols</p> <p>Sun </p> <p>Wind </p> <p>Stack and Plume </p> <p>Silo Split Silo </p> <p>Emission Point </p> <p>Observer Position </p> <p>Sun Location Line </p>	
Longitude 81° 28.3965' W	Latitude 28° 15.4304' N
Process Data Unloading Rate = 30.15 tons/hour @10 -12 psi Normal Batching in Progress	
Observer Name Kent D. Bottorf	Certified By Aeromet-Orlando
Date 2/5/09	
Observer signature 	Date 3/24/09

Observation Date	Start Time				Stop Time
3/24/09	10:05				10:35
Min/Sec	0	15	30	45	Comments
1	0	0	0	0	
2	0	0	0	0	
3	0	0	0	0	
4	0	0	0	0	
5	0	0	0	0	
6	0	0	0	0	
7	0	0	0	0	
8	0	0	0	0	
9	0	0	0	0	
10	0	0	0	0	
11	0	0	0	0	
12	0	0	0	0	
13	0	0	0	0	
14	0	0	0	0	
15	0	0	0	0	
16	0	0	0	0	
17	0	0	0	0	
18	0	0	0	0	
19	0	0	0	0	
20	0	0	0	0	
21	0	0	0	0	
22	0	0	0	0	
23	0	0	0	0	
24	0	0	0	0	
25	0	0	0	0	
26	0	0	0	0	
27	0	0	0	0	
28	0	0	0	0	
29	0	0	0	0	
30	0	0	0	0	
Highest 6 Minute Opacity				Number of Readings Above	
0				0 % Were 0	
Maximum Reading				Minimum Reading	
0				0	

Facility Name Florida Building Materials, Inc.	
Address 31525 4th Street Sorrento, Florida	
County Lake	
Phone 352 735-4900	Permit Number 0694845-002-AG
Process Equipment Concrete Batch Plant Weigh Hopper	
Control Equipment Weigh Hopper Baghouse	
Describe Emission Point Baghouse Outlet	
Height of Emission Point (feet) Start ~25 Finish ~25	Height Relative to Observer (feet) Start ~20 Finish ~20
Distance From observer (feet) Start ~500 Finish ~500	Direction To Emission Point (deg.) Start 250 Finish 250
Angle To Observation Point (deg.) Start 3 Finish 3	Direction To Observation Point (deg.) Start 250 Finish 250
Distance and Direction From Emission Point to Observation Point (feet & deg.) Start Same Point Finish Same Point	
Was Steam Present Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	If Steam Was Present The Plume Was Attached <input type="checkbox"/> Detached <input type="checkbox"/>
Emission Color Start Clear Finish Clear	
Describe Emission Start Dust Finish Dust	
Describe Background Start Sky Finish Sky	
Background Color Start Blue Finish Blue	
Sky Conditions Start Clear Finish Clear	
Wind Speed (mph) Start 5 Finish 5	Wind Direction Start E Finish E
Ambient Temperature (F) Start 64 Finish 64	Wet Bulb Temperature (F) 59 RH Percent 78
<p>Magnetic North</p> <p>Symbols</p> <p>Sun </p> <p>Wind </p> <p>Stack and Plume </p> <p>Silo </p> <p>Emission Point </p> <p>Observer Position </p> <p>Sun Location Line </p>	
Longitude 81° 28.3965' W	Latitude 28° 15.4304' N
Process Data Process is Cyclical Normal Batching in Progress	
Observer Name Kent D. Bottorf	Certified By Aeromet-Orlando
Observer signature 	Date 2/5/09
Date 3/24/09	

Observation Date	Start Time				Stop Time
3/24/09	9:20				9:35
Min/Sec	0	15	30	45	Comments
1	0	0	0	0	Batch Start
2	0	0	0	0	9:20
3	0	0	0	0	
4	0	0	0	0	
5	0	0	0	0	
6	0	0	0	0	
7	0	0	0	0	
8	0	0	0	0	
9	0	0	0	0	
10	0	0	0	0	
11	0	0	0	0	
12	0	0	0	0	
13	0	0	0	0	
14	0	0	0	0	Batch Stop
15	0	0	0	0	9:35
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
Highest 6 Minute Opacity				Number of Readings Above	
0				0 % Were 0	
Maximum Reading				Minimum Reading	
0				0	



Aeromet
Engineering, Inc.
Solutions for a Changing Environment

Certification of Visible Opacity Reading

Kent D. Bottorf

***qualified to conduct EPA Method 9 Tests for visible opacity in accordance with the
methods established for such qualification in 40 CFR Part 60 Appendix A
on February 5, 2009***

Date: 2/5/09

Signature: 

*Arthur "Trey" Beauchamp
Instructor, AeroMet Engineering*

Certificate expires: 8/5/09

Visible Emissions Evaluation

This certifies that...

Kent D. Botterf

...successfully completed a course in the methods of measurement of visible emissions from sources as specified by Federal Reference Methods 9 and 22 conducted by Eastern Technical Associates of Raleigh, North Carolina.

Orlando, Florida

Course Location

[Signature]
President

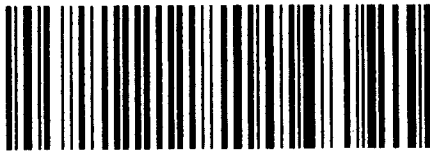
Michael W. Junoford
Director of Training

February 6, 2007

Date

Michael W. Junoford
Instructor

CERTIFIED MAIL™



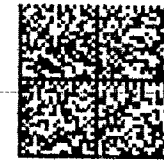
7006 0100 0004 2826 8374

CERTIFIED MAIL
#7006 0100 0004 2826 8374

RETURN RECEIPT REQUESTED

FLORIDA BUILDING MATERIALS INC
33 EAST MAIN ST - 2ND FLOOR
APOPKA, FL 32703-5291

FL DEPT OF ENV PROTECTION
RECEIPTS
PO BOX 3070
TALLAHASSEE, FL 32315-3070



02 1P \$006.41⁰
0004572353 MAR 27 2009
MAILED FROM ZIP CODE 32703