

500048 FEB 16 2010
RECEIVED

FEB 18 2010

**CONCRETE BATCHING PLANT
AIR GENERAL PERMIT REGISTRATION FORM**

Bureau of Air Monitoring
3755
Mobile Sources
002218

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)

0990554-004-AG

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):
0990554-03-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. - Loxahatchee RMC		
Facility Location (Provide the physical location of the facility, not necessarily the mailing address.)		
Street Address: 20125 State Road 80		
City: Loxahatchee	County: Palm Beach	Zip Code: 33430
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: Jack Raimondi, Environmental Safety & Health Manager

Owner/Authorized Representative Mailing Address

Organization/Firm: Continental Florida Materials, Inc.

Street Address: 13450 West Sunrise Boulevard, Suite 430

City: Sunrise

County: Broward

Zip Code: 33323

Owner/Authorized Representative Telephone Numbers

Telephone: 954-858-0780

Fax: 954-858-0821

Cell phone (optional):

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: Steve Antonio, Production Manager

Facility Contact Mailing Address

Organization/Firm: Continental Florida Materials, Inc.

Street Address: 24151 Boca Rio Road

City: Boca Raton

County: Palm Beach

Zip Code: 33433

Facility Contact Telephone Numbers

Telephone: 561-482-8886

Fax: 561-265-3940


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.



Signature

2-10-10

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.

Fugitive emissions will be controlled with the use of water when necessary.

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.

The Concrete Batch Plant consists of three silos, truck load out, weigh hopper, and aggregate bins. The following emission points will be located at this facility:

EU 001 - In active (former central dust collector)

EU 002 West Side of Split Silo - The emissions are controlled by a roof top fabric filter dust collector.

EU 003 South (Slag) Silo - The emissions are controlled by a roof top fabric filter dust collector.

EU 004 West Silo - The emissions are controlled by a roof top fabric filter dust collector.

EU 005 Weigh Hopper/Truck Load-Out - The emissions are controlled by the ground mounted central dust collector.

EU 006 East Side Split Silo - The emissions are controlled by a roof top fabric filter dust collector.

Source Test Report for Visible Emissions

EPA Method 9

Report 2764-V

September 18, 2009

prepared for

**Continental Florida Materials, Inc.
Loxahatchee Ready Mix Plant
Facility ID 0990554**



Arlington Environmental Services, Inc.

Post Office Box 657 ~ Okeechobee, Florida 34973 ~ Telephone 863.467.0555



Arlington Environmental Services, Inc.
(863) 467-0555

VISIBLE EMISSION TEST

Method Used (Circle One) Method 9 203A 203B Report 2764-V-4

Company Name **Continental Florida Materials**
 Facility Name **Loxahatchee** AIRS **0990554**
 Street Address **20125 SR 80**
 City **Loxahatchee** Zip
 Phone No. **(954) 520-1403**

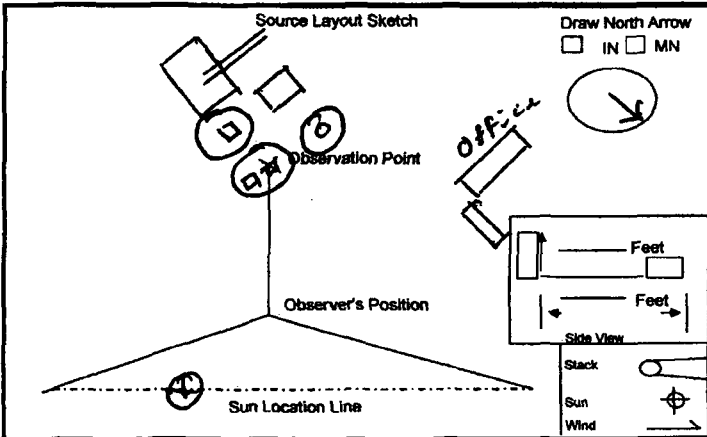
Process Concrete Unit # 002 Operating Mode 27.1TPH
 Control Equipment bag collector Operating Mode 10-12 PSI's

Describe Emission Point
 Ht of Emiss. Point 75' Ht Rel to Observer 75'
 Distance to Emiss. Pt ~150' Direction to Emiss. Pt (Degrees) 235°

Vehicle Angle to Obs. 19° Direction to Obs. Pt. (Degrees) 235°
 Distance and Direction to Obs. Pt from Emission Pt Same

Describe Emissions
 Emission Color Water Droplet Plume
 Attached Detached None

Describe Plume Background
 Background Color blue Sky Conditions Scattered
 Wind Speed 0-3 mph Wind Direction ESE
 Ambient Temp. 85°F Wet Bulb Temp. 75°F % RH 73



Latitude 26°41'21" Longitude 80°22'11" Declination

Comments Cement - 2624 tons / 58 min.

Observation Data					Start Time					Stop Time				
<u>9-18-09</u>					<u>09:20</u>					<u>09:50</u>				
Min	0	15	30	45	Min	0	15	30	45	Min	0	15	30	45
Sec					Sec					Sec				
1	0	0	0	0	31									
2	0	0	0	0	32									
3	0	0	0	0	33									
4	0	0	0	0	34									
5	0	0	0	0	35									
6	0	0	0	0	36									
7	0	0	0	0	37									
8	0	0	0	0	38									
9	0	0	0	0	39									
10	0	0	0	0	40									
11	0	0	0	0	41									
12	0	0	0	0	42									
13	0	0	0	0	43									
14	0	0	0	0	44									
15	0	0	0	0	45									
16	0	0	0	0	46									
17	0	0	0	0	47									
18	0	0	0	0	48									
19	0	0	0	0	49									
20	0	0	0	0	50									
21	0	0	0	0	51									
22	0	0	0	0	52									
23	0	0	0	0	53									
24	0	0	0	0	54									
25	0	0	0	0	55									
26	0	0	0	0	56									
27	0	0	0	0	57									
28	0	0	0	0	58									
29	0	0	0	0	59									
30	0	0	0	0	60									

Number of Readings Above 0 % were 0 Average Opacity for Highest 6 Min Period 0

Range of opacity Readings Average Opacity for 2nd Highest 6 Min Period
 Min Max 0

Observers Name (Print) **William Arlington**

Observers Signature W. Arlington Date 9/18/09

Organization **Arlington Environmental Services, Inc.**

Certified By **Whitlow Enterprises** Date **8/3/09**



Arlington Environmental Services, Inc.
(863) 467-0555

VISIBLE EMISSION TEST

Method Used (Circle One) Method 9 203A 203B Report 2764-V-2

Company Name **Continental Florida Materials**
 Facility Name **Loxahatchee** AIRS **0990554**
 Street Address **20125 SR 80**
 City **Loxahatchee** Zip _____
 Phone No. **(954) 520-1403**

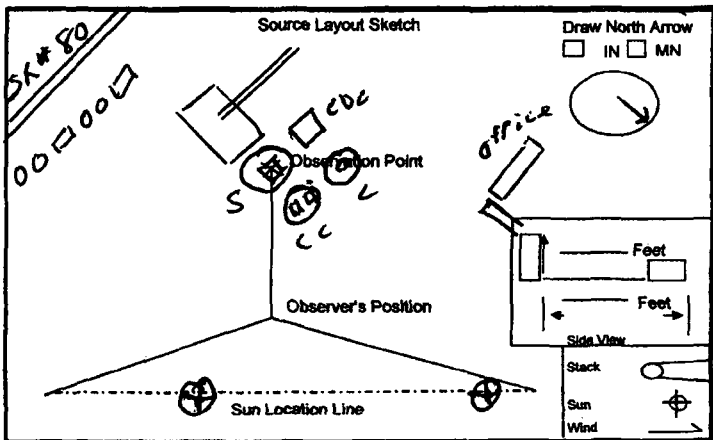
Process Concrete Unit # 003 Operating Mode 22.5 TPH
 Control Equipment bag collector Operating Mode 12 Psig

Describe Emission Point W Silo DC
 Ht of Emis. Point 50' Ht Rel to Observer 50'
 Distance to Emis. Pt. ~150' Direction to Emis. Pt (Degrees) 232°

Vertical Angle to Obs. 13° Direction to Obs. Pt. (Degrees) 232°
 Distance and Direction to Obs. Pt from Emission Pt Same

Describe Emissions
 Emission Color _____ Water Droplet Plume Attached Detached None

Describe Plume Background
 Background Color blue Sky Conditions Scattered
 Wind Speed 0-3 MPH Wind Direction ESE
 Ambient Temp. 85°F Wet Bulb Temp. 75°F % RH 73



Latitude 26°41'21" Longitude 80°22'11" Declination _____

Comments Slag - 26.57 tons / 71 min
"25 TPH NIT achievable in practice"

Min Sec	Observation Date <u>9-18-09</u>				Start Time <u>09:20</u>				Stop Time <u>09:50</u>			
	0	15	30	45	Min Sec	0	15	30	45			
1	0	0	0	0	31							
2	0	0	0	0	32							
3	0	0	0	0	33							
4	0	0	0	0	34							
5	0	0	0	0	35							
6	0	0	0	0	36							
7	0	0	0	0	37							
8	0	0	0	0	38							
9	0	0	0	0	39							
10	0	0	0	0	40							
11	0	0	0	0	41							
12	0	0	0	0	42							
13	0	0	0	0	43							
14	0	0	0	0	44							
15	0	0	0	0	45							
16	0	0	0	0	46							
17	0	0	0	0	47							
18	0	0	0	0	48							
19	0	0	0	0	49							
20	0	0	0	0	50							
21	0	0	0	0	51							
22	0	0	0	0	52							
23	0	0	0	0	53							
24	0	0	0	0	54							
25	0	0	0	0	55							
26	0	0	0	0	56							
27	0	0	0	0	57							
28	0	0	0	0	58							
29	0	0	0	0	59							
30	0	0	0	0	60							

Number of Readings Above _____ % were _____
 Average Opacity for Highest 6 Min Period 0
 Range of opacity Readings _____
 Min _____ Max 0 Average Opacity for 2nd Highest 6 Min Period _____

Observers Name (Print) **William Arlington**
 Observers Signature W. Arlington Date 9/18/09
 Organization **Arlington Environmental Services, Inc.**
 Certified By **Whitlow Enterprises** Date **8/3/09**

Arlington Environmental Services, Inc.
(863) 467-0555

VISIBLE EMISSION TEST

Method Used (Circle One) Method 9 203A 203B Report 2764-V-5

Company Name **Continental Florida Materials**
 Facility Name **Loxahatchee** AIRS **0990554**
 Street Address **20125 SR 80**
 City **Loxahatchee** Zip
 Phone No. **(954) 520-1403**

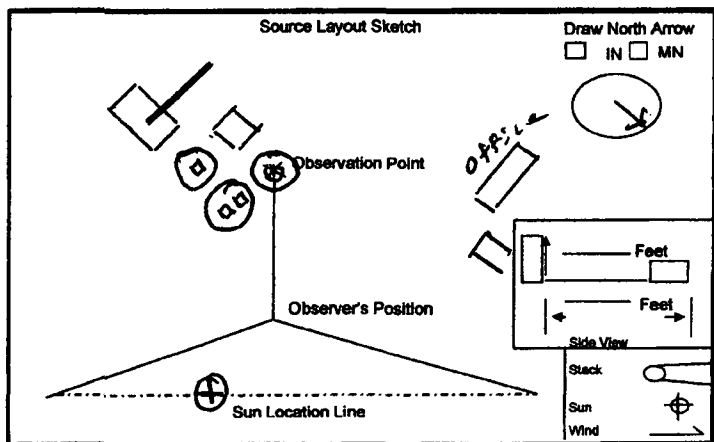
Process Cement Unit # 004 Operating Mode 32.5 TPH
 Control Equipment bag collector Operating Mode 12 Psi

Describe Emission Point W Silo Dr
 Ht of Emiss. Point 65' Ht Rel to Observer 65'
 Distance to Emiss. Pt. ~150' Direction to Emiss. Pt (Degrees) 237°

Vertical Angle to Obs. 16° Direction to Obs. Pt. (Degrees) 237°
 Distance and Direction to Obs. Pt from Emission Pt Same

Describe Emissions
 Emission Color Water Droplet Plume
 Attached Detached None X

Describe Plume Background Sky
 Background Color blue Sky Conditions Scattered
 Wind Speed 0-3 MPH Wind Direction ESE
 Ambient Temp. 85°F Wet Bulb Temp. 75°F % RH 73



Latitude 26°41'21" Longitude 80°22'11" Declination

Comments Cement - 25.42 tons / 47 min
2 Pods / 30 min

Min Sec	Observation Date <u>9-18-09</u>				Start Time <u>09:20</u>				Stop Time <u>09:50</u>			
	0	15	30	45	Min Sec	0	15	30	45			
1	0	0	0	0	31							
2	0	0	0	0	32							
3	0	0	0	0	33							
4	0	0	0	0	34							
5	0	0	0	0	35							
6	0	0	0	0	36							
7	0	0	0	0	37							
8	0	0	0	0	38							
9	0	0	0	0	39							
10	0	0	0	0	40							
11	0	0	0	0	41							
12	0	0	0	0	42							
13	0	0	0	0	43							
14	0	0	0	0	44							
15	0	0	0	0	45							
16	0	0	0	0	46							
17	0	0	0	0	47							
18	0	0	0	0	48							
19	0	0	0	0	49							
20	0	0	0	0	50							
21	0	0	0	0	51							
22	0	0	0	0	52							
23	0	0	0	0	53							
24	0	0	0	0	54							
25	0	0	0	0	55							
26	0	0	0	0	56							
27	0	0	0	0	57							
28	0	0	0	0	58							
29	0	0	0	0	59							
30	0	0	0	0	60							

Number of Readings Above 0 % were 0 Average Opacity for Highest 6 Min Period 0
 Range of opacity Readings Average Opacity for 2nd Highest 6 Min Period
 Min Max 0
 Observers Name (Print) **William Arlington**
 Observers Signature W. Arlington Date 9/18/09
 Organization **Arlington Environmental Services, Inc.**
 Certified By **Whitlow Enterprises** Date **8/3/09**



Arlington Environmental Services, Inc.
(863) 467-0555

VISIBLE EMISSION TEST

Method Used (Circle One) Method 9 203A 203B Report 2764-V-1

Company Name **Continental Florida Materials**

Facility Name **Loxahatchee** AIRS **0990554**

Street Address **20125 SR 80**

City **Loxahatchee** Zip

Phone No. **(954) 520-1403**

Process Concrete Unit # 005 Operating Mode Normal

Control Equipment baghouse Operating Mode Normal

Describe Emission Point CDC Fan outlet

Ht of Emis. Point 1' Ht Ref to Observer 1'

Distance to Emis. Pt. Direction to Emis. Pt (Degrees) 5°

Vertical Angle to Obs. Direction to Obs. Pt. (Degrees) 5°

Distance and Direction to Obs. Pt from Emission Pt

Describe Emissions

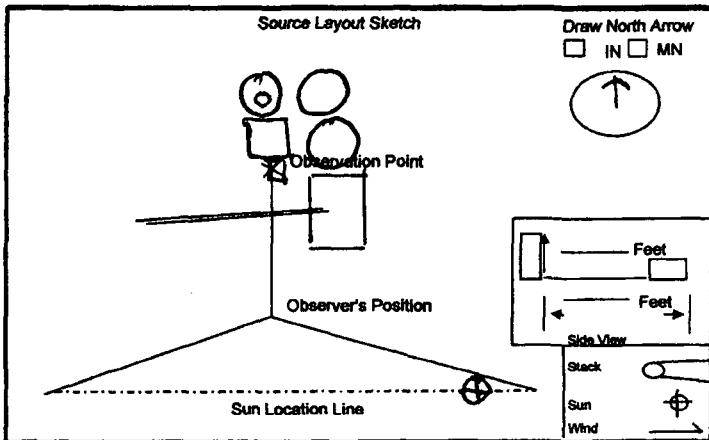
Emission Color Water Droplet Plume Attached Detached None X

Describe Plume Background

Background Color gray Sky Conditions Partly Cloudy

Wind Speed 0-3 MPH Wind Direction ESE

Ambient Temp. 84°F Wet Bulb Temp. % RH



Latitude 26°41'21" Longitude 80°22'11" Declination

Comments WH enclosed

Observation Date					Start Time					Stop Time				
9-18-09					08:48					08:54				
Min	0	15	30	45	Min	0	15	30	45	Min	0	15	30	45
1	0	0	0	0	31									
2	0	0	0	0	32									
3	0	0	0	0	33									
4	0	0	0	0	34									
5	0	0	0	0	35									
6	0	0	0	0	36									
7					37									
8					38									
9					39									
10					40									
11					41									
12					42									
13					43									
14					44									
15					45									
16					46									
17					47									
18					48									
19					49									
20					50									
21					51									
22					52									
23					53									
24					54									
25					55									
26					56									
27					57									
28					58									
29					59									
30					60									

Number of Readings Above % were 0 Average Opacity for Highest 6 Min Period 0

Range of opacity Readings Min 0 Max 0 Average Opacity for 2nd Highest 6 Min Period

Observers Name (Print) **William Arlington**

Observers Signature W. Arlington Date 9/18/09

Organization **Arlington Environmental Services, Inc.**

Certified By **Whitlow Enterprises** Date **8/3/09**



Arlington Environmental Services, Inc.
(863) 467-0555

VISIBLE EMISSION TEST

Method Used (Circle One) Visual 203A 203B Report 2764-V-3

Company Name **Continental Florida Materials**
 Facility Name **Loxahatchee** AIRS **0990554**
 Street Address **20125 SR 80**
 City **Loxahatchee** Zip _____
 Phone No. **(954) 520-1403**

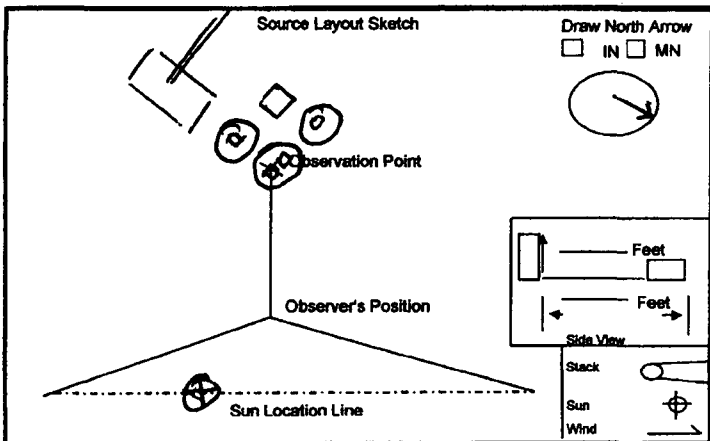
Process Concrete Unit # 006 Operating Mode 34.0 Tph
 Control Equipment Dust Collector Operating Mode 12 P5g

Describe Emission Point E Side of Spill Silo
 Ht of Emis. Point 75' Ht Rel to Observer 75'
 Distance to Emis. Pt. ~150' Direction to Emis. Pt (Degrees) 234°

Vertical Angle to Obs. 19° Direction to Obs. Pt. (Degrees) 234°
 Distance and Direction to Obs. Pt from Emission Pt Same

Describe Emissions
 Emission Color _____ Water Droplet Plume
 Attached Detached None

Describe Plume Background
 Background Color blue Sky Conditions Scattered
 Wind Speed 0-3 mph Wind Direction ESE
 Ambient Temp. 85°F Wet Bulb Temp. 75°F % RH 73



Latitude 26°41'21" Longitude 80°22'11" Declination _____

Comments Cement - 25.55 to 15/45 min

Observation Date		Start Time				Stop Time			
9-18-09		09:20				09:50			
Min	0	15	30	45	Min	0	15	30	45
1	0	0	0	0	31				
2	0	0	0	0	32				
3	0	0	0	0	33				
4	0	0	0	0	34				
5	0	0	0	0	35				
6	0	0	0	0	36				
7	0	0	0	0	37				
8	0	0	0	0	38				
9	0	0	0	0	39				
10	0	0	0	0	40				
11	0	0	0	0	41				
12	0	0	0	0	42				
13	0	0	0	0	43				
14	0	0	0	0	44				
15	0	0	0	0	45				
16	0	0	0	0	46				
17	0	0	0	0	47				
18	0	0	0	0	48				
19	0	0	0	0	49				
20	0	0	0	0	50				
21	0	0	0	0	51				
22	0	0	0	0	52				
23	0	0	0	0	53				
24	0	0	0	0	54				
25	0	0	0	0	55				
26	0	0	0	0	56				
27	0	0	0	0	57				
28	0	0	0	0	58				
29	0	0	0	0	59				
30	0	0	0	0	60				

Number of Readings Above _____ % were _____ Average Opacity for Highest 6 Min Period 0

Range of opacity Readings Min _____ Max _____ Average Opacity for 2nd Highest 6 Min Period _____

Observers Name (Print) **William Arlington**

Observers Signature W. Arlington Date 9/18/09

Organization **Arlington Environmental Services, Inc.**

Certified By **Whitlow Enterprises** Date **8/3/09**



Whitlow Enterprises, LLC

www.smokeschool.net

Certifies that

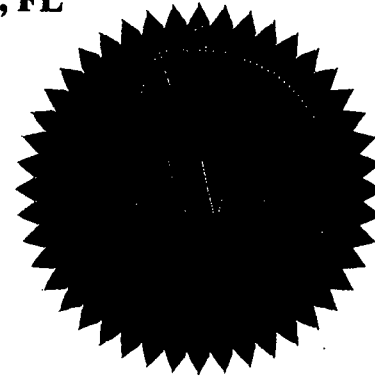
William Arlington of Arlington Environmental Services

**Has passed the certification test required by EPA Method 9 and 22
40 CFR 60 Appendix A and is qualified as a visible emissions evaluator.**

Certification Date: 8/3/2009 Location: Orlando, FL

George Whitlow

President



OFL080309-5

February 10, 2010

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

**Subject: Continental Florida Materials, Inc. Loxahatchee Ready Mix Plant
Air General Permit Registration: ARMS ID: 0990554**

To whom it may concern:

Continental Florida Materials, Inc. (CFM) is submitting this concrete batching plant air general permit registration form for re-registration of the Loxahatchee Ready Mix facility to the Florida Department of Environmental Protection (FDEP) Division of Air Resource Management in Tallahassee. The Loxahatchee Ready Mix facility currently operates under Air General Permit No. 0990554-003-AG. The facility is located at 20125 State Road 80, Loxahatchee, Florida 33430.

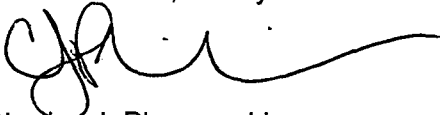
CFM has enclosed the Concrete Batching Plant Air General Permit Registration Form [new DEP Form No. 62-210.920(2)(b), effective January 10, 2007] for the existing facility. Also enclosed is the required \$100 air general permit registration processing fee per Rule 62-4.050(4)(p)(2), F.A.C.

In accordance with Rule 62-296.414(4)(a), F.A.C., visible emissions (VE) testing for controlled exhaust points is required to be completed 30 days after commencing operation, and annually thereafter. As this is an existing facility CFM completed the annual visible emissions testing on September 18, 2009. A copy of this VE testing is attached.

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

Attachments: Concrete Batching Plant Air General Permit Registration Form (2 Originals)
Arlington Environmental Service September 18, 2009 Visible Emission Testing
Check #20683754

cc: Mr. Thomas Tittle, Palm Beach County Health Department

From: Origin ID: DABA (386) 734-8228
Charles Pivowarski
Lehigh Hanson ESH
840 West Avenue
DeLand, FL 32720



J1910190260224

Ship Date: 11FEB10
ActWgt: 1.0 LB
CAD: 1765356/NET3010

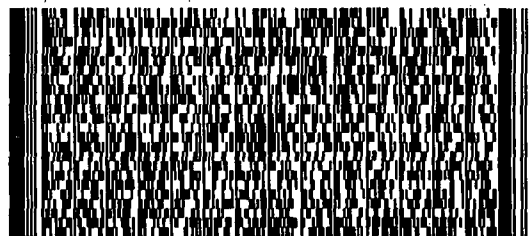
Delivery Address Bar Code



SHIP TO: (850) 921-9586 **BILL THIRD PARTY**
Dickson Dibble DARM
FDEP Receipts
3800 COMMONWEALTH BLVD
MS 77
TALLAHASSEE, FL 32303

Ref # CFM Lox Air Permit Renewal
Invoice #
PO #
Dept #

FRI - 12 FEB A2

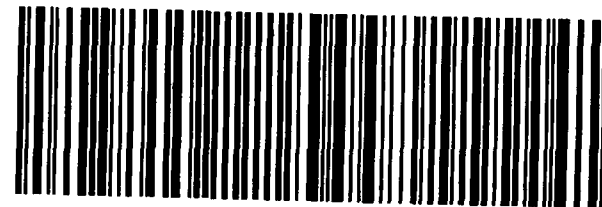


FedEx
TRK# 7983 8335 1414
0201

MON - 15 FEB A2
STANDARD OVERNIGHT

XH TLHA

32303
FL-US
TLH



Emp# 707822 12FEB10 DABA

The World On Time.

Envelope

RT 89 6
FZ 1414 02.15