

F E A RECEIPT #704050
MAY 14, 2010

RECEIVED
MAY 17 2010
Bureau of Air Monitoring
& Mobile Sources

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)

0610081-003

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):
G.P. # ~~0610018-001~~ AG (recently expired) 02/10/2010
- 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.)

Russell Concrete, 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.)

Winter Beach facility

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

Street Address: 3800 71st Street

City: Winter Beach, FL

County: Indian River

Zip Code: 32974-0000

32967-5445

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: Lyle Bartholomew, President

Owner/Authorized Representative Mailing Address

Organization/Firm: Russell Concrete, Inc.
Street Address: 1400 10th Avenue
City: Vero Beach, FL County: Indian River Zip Code: 32960-5726

Owner/Authorized Representative Telephone Numbers

Telephone: (772) 562-3384 Fax: (772) 778-6763
Cell phone (optional): (772) 360-9920

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: - same -

Facility Contact Mailing Address

Organization/Firm:
Street Address:
City: County: Zip Code:

Facility Contact Telephone Numbers

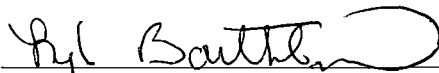
Telephone: Fax:
Cell phone (optional):

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.


Signature

5-13-2010
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.

Large Aggregate is rail car delivered and dumped into below grade hoppers. Sand is dump truck delivered and dumped into below grade hoppers. This method of aggregate delivery and handling minimizes the potential for wind blown dust. All large aggregate is then delivered by conveyor into large, cylindrical, open top, silos. Sand aggregate is kept on a flat surface in low mounds behind a wall which provides a windbreak during prevailing winds. Sand is transported to a loading hopper by front end loader. The sand is irrigated during times of low humidity and high winds.

AGGR. SILOS

FLUORIDE

Except for the truck wash-out area, all: drives; parking; and yard areas are paved. A "Tennant" SE model 95 (S.N. # 2016) power sweeper is used to remove particulates from the paved areas. The sweepings are mixed in with "tailings" from the truck washout treatment facility. The unpaved truck washout area is watered down during times of low humidity and high winds. The paved yard area has a stormwater collection system with deeper than normal catch basins to trap and hold suspended solids in the runoff. These solids are later removed by vacuum truck. The majority of the yard area is unpaved grassed area. The site is also surrounded by a vegetative buffer. These site plan characteristics assist with the removal and reduction of particulate matter from leaving the facility grounds.

Truck washout is directly discharged into a wet treatment system, reducing the possibility of diluted cement slurry to dry out and be blown off-site.

The site and associated equipment is well maintained and has passed all visible emissions testing required by previous air quality permitting.

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.

ELIGIBILITY FOR USE OF PERMIT:

This facility is a concrete batch plant for "Redi-Mix" concrete delivery and concrete block production, which complies with the general permitting requirements of FAC Chapter 62-210.310(5)(b), except for the referenced requirement of FAC Chapter 62-210.310(3)(a) for "re-registration" of the facility prior to 30 days before expiration of the existing general air permit. During this time of low concrete production and sales, the unintended laps of the air general permit was due to staffing lay-offs and altered duty assignments. It was never the intent or a decision to let the air permit expire. Using the reasonable precautions for unconfined emissions, the facility has no potential to emit 100 tons of regulated air pollutants from the site. Finally, the facility has no other emission units or activities not covered by the applicable air general permit for a concrete batch plant.

Cement is truck delivered, off-loaded and stored directly into two fully contained silos. Silo no. 1 is used for the "Redi-Mix" batching. It is a "Merts, Inc.", 12 ft. diameter, 971/809 Bbl., steel container. Silo no. 2 is used for concrete block batching. It is a "Merts, Inc.", 11 ft. diameter, 622/518 Bbl., steel container. Each silo is fitted with a "MikroPul" Mikro Pulsaire Bin Vent, fabric bag type air vent filter. The filter for both silos is a style 8B with 84 sq. ft. of filter area. The vent stack filters were furnished by Merts with the silos. No model numbers are available on the Merts information on file or the physical units themselves.

For the "Redi-Mix" process, cement is discharged and weighed in a partially enclosed hopper which has no separate filtering system. The cement and other dry aggregate are dumped from the hopper through a chute directly into the trucks. Observance of this operation indicates no need for any additional air pollution prevention equipment.

For the concrete block batching process, cement is discharged and weighed in an enclosed hopper which has no separate filtering system. The cement and other dry aggregate are dumped from the hopper through a chute into a fully enclosed batching mixer. Observance of this operation indicates no need for any additional air pollution prevention equipment.

All visible emissions testing of the cement transfer process as required by previous air quality permitting has passed the opacity requirements without failure.

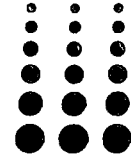
Google maps Address

To see all the details that are visible on the screen, use the "Print" link next to the map.

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SOUTH FLORIDA ENVIRONMENTAL SERVICES
Air Quality Specialists

VISIBLE EMISSIONS TEST REPORT

PREPARED FOR:
Russell Concrete
1400 10th Avenue
Vero Beach, FL 32960

CONCRENING:
Visible Emissions Test Program
Two Cement Silos
Russell Concrete
3800 71st Street
Winter Beach, FL 32967

PREPARED BY:
South Florida Environmental Services
2257 Vista Parkway, Suite 25
West Palm Beach, FL 33411

This is to certify that the information contained in this report is true and accurate to the best of my knowledge.

Jodi Beck
Jodi Beck
Project Manager

12/8/09
Date



COMPENDIUM:

On December 3, 2009 South Florida Environmental Services performed visible emissions compliance testing for Russell Concrete at its in Winter Beach facility. The test was conducted on the two (2) cement silo baghouses that service the facility while the silos were loaded with cement at the rate of about 10 PSI.

All testing was conducted in accordance with EPA Method 9 as found in 40CFR60 Appendix A, as amended.

Jodi Beck was the certified visible Emissions evaluator during the testing.

During the testing, the highest six-minute opacity average for both silos was 0.0%, with an overall opacity average of 0.0% (See Table 1-1).

Table 1-1: Summary of emissions test results.

Location	Highest 6-minute Average (%)	Overall Average (%)	Limiting Standard (%)
North Silo	0.0	0.0	5
South Silo	0.0	0.0	5



VISIBLE EMISSIONS TESTING PROGRAM
Field Data Sheets





South Florida Environmental Services

SOURCE NAME		OBSERVATION DATE				START TIME		STOP TIME			
Russell Concrete		12/3/09				9:30		10:00			
ADDRESS		SEC		MIN		SEC		MIN		SEC	
3800 71st St.		0		15		30		45		0	
CITY		STATE		ZIP		SEC		MIN		SEC	
Winter Bch.		FL		317		31		32		33	
PHONE		SOURCE ID NUMBER		SEC		MIN		SEC		MIN	
PROCESS EQUIPMENT		OPERATING MODE		SEC		MIN		SEC		MIN	
Loading Cement		8 PSI		34		35		36		37	
CONTROL EQUIPMENT		OPERATING MODE		SEC		MIN		SEC		MIN	
Baghouse		Normal		37		38		39		40	
DESCRIBE EMISSION POINT		HEIGHT ABOVE GROUND LEVEL		HEIGHT RELATIVE TO OBSERVER		SEC		MIN		SEC	
Baghouse on top of silo (300th batch silo)		75'		75'		41		42		43	
DISTANCE FROM OBSERVER		DIRECTION FROM OBSERVER		SEC		MIN		SEC		MIN	
300'		280°		44		45		46		47	
DESCRIBE EMISSIONS		EMISSION COLOR		PLUME TYPE		SEC		MIN		SEC	
None		N/A		CONTINUOUS		48		49		50	
WATER DROPLET'S PERCENT		POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED		SEC		MIN		SEC		MIN	
NO/ YES		N/A		51		52		53		54	
DESCRIBE BACKGROUND		BACKGROUND COLOR		SKY CONDITIONS		SEC		MIN		SEC	
Sky		Gray		Cloudy		55		56		57	
WIND SPEED		WIND DIRECTION		SEC		MIN		SEC		MIN	
0-5 mph		NE		58		59		60		61	
AMBIENT TEMP		WEATHER TEMP		SEC		MIN		SEC		MIN	
~75				62		63		64		65	
<p>Source Location Sketch</p> <p>Draw North Arrow</p>		AVERAGE OPACITY FOR HIGHEST PERIOD		RANGE OF OPACITY READINGS		OBSERVER'S NAME (PRINT)		OBSERVER'S SIGNATURE		DATE	
		0		0 MINIMUM 0 MAXIMUM		Jodi Beck		Jodi Beck		12/3/09	
COMMENTS		ORGANIZATION		CERTIFIED BY		DATE		VERIFIED BY		DATE	
		SFES		EIA							
I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS		SIGNATURE		TITLE		DATE		DATE			



South Florida Environmental Services

SOURCE NAME		OBSERVATION DATE				START TIME				STOP TIME					
Russell Concrete		12/3/09				9:30				10:00					
ADDRESS		SEC		MIN		SEC		MIN		SEC		MIN			
3800 71 st St		1	0	0	0	0	0	31							
CITY		STATE		ZIP											
Winter Bch.		FL		334											
PHONE		SOURCE ID NUMBER													
PROCESS EQUIPMENT		OPERATING MODE													
Loading Cement		8 PSI													
CONTROL EQUIPMENT		OPERATING MODE													
Baghouse		Normal													
DESCRIBE EMISSION POINT		1		0		0		0		32					
Baghouse on top of Silo (North block Silo)		8		0		0		0		38					
HEIGHT ABOVE GROUND LEVEL		IF OTHER RELATIVE TO OBSERVER													
50'		50'													
DISTANCE FROM OBSERVER		DIRECTION FROM OBSERVER													
500'		280'													
DESCRIBE EMISSIONS		12		0		0		0		42					
NONE		13		0		0		0		47					
EMISSION COLOR		PLUME TYPE, CONTINUOUS <input type="checkbox"/>		ENGINE <input type="checkbox"/>		INTERMITTENT <input type="checkbox"/>									
N/A		14		0		0		0		44					
WATER DROPLET PLUME <input type="checkbox"/>		WATER DROPLET PLUME													
NONE YES		ATTACHED <input type="checkbox"/>		DETACHED <input type="checkbox"/>											
POINT IN THE PLUME AT WHICH DENSITY WAS DETERMINED		15		0		0		0		46					
N/A		16		0		0		0		47					
DESCRIBE BACKGROUND		17		0		0		0		47					
Sky		18		0		0		0		48					
BACKGROUND COLOR		SKY CONDITIONS													
Grey		Cloudy													
WIND SPEED		WIND DIRECTION													
0-5 mph		NE													
AMBIENT TEMP		WET BULB TEMP		RH (%)											
~75°															
<p>Source Layout Sketch - Draw North Arrow</p>		24		0		0		0		54					
		25		0		0		0		55					
		26		0		0		0		56					
		27		0		0		0		57					
		28		0		0		0		58					
		29		0		0		0		59					
		30		0		0		0		60					
		AVERAGE OPACITY FOR WILDEST PERIOD		0		NUMBER OF READINGS ABOVE % WERE									
		RANGE OF OPACITY READINGS		MINIMUM		MAXIMUM									
		OBSERVER'S NAME (PRINT)		John Beck											
OBSERVER'S SIGNATURE		John Beck		DATE		12/3/09									
ORGANIZATION		SFES													
I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS		CERTIFIED BY		DATE											
SIGNATURE		ETA													
TITLE		DATE		DATE											
		VERIFIED BY		DATE											

VISIBLE EMISSIONS TESTING PROGRAM
Field Loading Sheets



CONTINENTAL

HEIDELBERGCEMENT Group

CONTINENTAL FLORIDA MATERIALS, INC.
 2700 EISENHOWER BLVD.
 P. O. BOX 13128
 FORT LAUDERDALE, FL 33316
 For Inquiries Call: 1-800-432-0135 • Fax: 954-523-1490

STRAIGHT BILL OF LADING - SHORT FORM - ORIGINAL - NOT NEGOTIABLE

TICKET NO. 573819

ORIGIN	DATE	TIME	CUST NO.	CUST ORDER NO.	REQUESTED DELIVERY TIME
--------	------	------	----------	----------------	-------------------------

SOLD TO:
 CONTINENTAL FLORIDA MATERIALS, INC.
 2700 EISENHOWER BLVD.
 FORT LAUDERDALE, FL 33316

SHIP TO:
 CONTINENTAL FLORIDA MATERIALS, INC.
 2700 EISENHOWER BLVD.
 FORT LAUDERDALE, FL 33316

WEIGHT	POUNDS	TONS	DATE	TIME
--------	--------	------	------	------

SILO NO.	SCALE NO.	LOADER	CERTIFIED	MILLTEST
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GROSS	15000	10		
TARE	15000	10		
NET	15000	10		

CARRIER	TRUCK	TRAILER
---------	-------	---------

ITEM NO.	ITEM DESCRIPTION	PALLETS	BAGS	POUNDS	TONS
TOTAL					

DELIVERY INFORMATION	OTHER COMMENTS
----------------------	----------------

CERTIFY	SEAL NO.
---------	----------

CAUTION
 The description and weight indicated on this Bill of Lading are correct, subject to verification by the Eastern Weighing & Inspection Bureau - Southern Weighing & Inspection Bureau - Trans-Continental Freight Bureau or Western Weighing & Inspection Bureau according to agreement.
 CONTINENTAL FLORIDA MATERIALS, INC. - Shipper

SIGNATURES
 RECEIVED ABOVE MATERIAL IN GOOD CONDITION
 CARRIER
 CUSTOMER

CHARGES ARE PREPAID UNLESS MARKED - NOT PREPAID

CONTINENTAL

HEIDELBERGCEMENT Group

CONTINENTAL FLORIDA MATERIALS, INC.

2700 EISENHOWER BLVD.

P. O. BOX 13128

FORT LAUDERDALE, FL 33316

For Inquiries Call: 1-800-432-0135 • Fax: 954-523-1490

STRAIGHT BILL OF LADING - SHORT FORM - ORIGINAL - NOT NEGOTIABLE

TICKET NO. 608218

ORIGIN	DATE	TIME	CUST NO.	CUST ORDER NO.	REQUESTED DELIVERY TIME
--------	------	------	----------	----------------	-------------------------

SOLD TO:

SHIP TO:

WEIGHT	POUNDS	TONS	DATE	TIME
--------	--------	------	------	------

SILO NO.	SCALE NO.	LOADER	CERTIFIED	MILLTEST
----------	-----------	--------	-----------	----------

GROSS	
TARE	
NET	

CARRIER	TRUCK	TRAILER
---------	-------	---------

ITEM NO.	ITEM DESCRIPTION	PALLETS	BAGS	POUNDS	TONS
TOTAL					

DELIVERY INFORMATION	OTHER COMMENTS
----------------------	----------------

CERTIFY	SEAL NO.
---------	----------

<p>CARRIER</p> <p>RECEIVED ABOVE MATERIAL IN GOOD CONDITION</p>	<p>SIGNATURES</p> <p>RECEIVED ABOVE MATERIAL IN GOOD CONDITION</p>
	<p>CUSTOMER</p>

The description and weight indicated on this Bill of Lading are correct, subject to verification by the Eastern Weighing & Inspection Bureau – Southern Weighing & Inspection Bureau – Trans-Continental Freight Bureau or Western Weighing & Inspection Bureau according to agreement.

CONTINENTAL FLORIDA MATERIALS, INC. - Shipper

CHARGES ARE PREPAID UNLESS MARKED - NOT PREPAID

VISIBLE EMISSIONS EVALUATOR CERTIFICATE



VISIBLE EMISSIONS EVALUATOR

This is to certify that

JODI BECK

met the specifications of Federal Reference Method 9 and qualifies as a visible emissions evaluator. Maximum deviation on white and black smoke did not exceed 7.5% opacity and no single error exceeding 15% opacity was incurred during the certification test conducted by Eastern Technical Associates of Raleigh, NC. This certificate is valid for six months from date of issue.

375486

CERT NUMBER

7/8/2009

DATE OF SCHOOL

WEST PALM BEACH, FL

SCHOOL LOCATION

1/7/2010

CERTIFICATION EXP DATE

BEC827897

STUDENT ID NUMBER

Michael W. Sanford

MANAGER OF TRAINING SERVICES

EASTERN TECHNICAL ASSOCIATES

JODI BECK

BEC827897 STUDENT ID NUMBER

met the specifications of Federal Reference Method 9 and qualifies as a visible emissions evaluator. Maximum deviation on white and black smoke did not exceed 7.5% opacity and no single error exceeding 15% opacity was incurred during the certification test conducted by Eastern Technical Associates of Raleigh, NC. This certificate is valid for six months from date of issue and expires on the date below

Customer Support
Debbie or Sheila

919-878-3188

www.eta-is-opacity.com

WEST PALM BEACH, FL

SCHOOL LOCATION

7/8/2009

DATE OF SCHOOL

375486

CERT NUMBER

JAXF08

LAST LECTURE

1/7/2010

CERTIFICATION EXP DATE

BEARER