



Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

April 24, 2009

Mr. Edward Williams
Operations Foreman
CEMEX Construction Materials Florida, LLC
CEMEX – Card Sound Ready-Mix and Block
15900 Southwest 408 Street
Florida City, Florida 33034

Dear Mr. Williams:

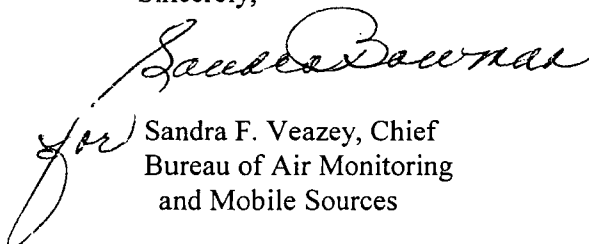
This is to acknowledge that your notification of intent to use the authority of Rule 62-210.310 to operate your **Concrete Batching Plant** facility was received on March 23, 2009. We have assigned ARMS No. 0250376-009 to this facility.

As you know, pursuant to Florida Statutes section 403.814, authority to operate under general permits commences thirty (30) days after receipt of the registration form unless you have been notified by this office that your facility has not shown entitlement to operate pursuant to the rule provisions.

For your information, authority to operate pursuant to Rule 62-210.310 expires after five (5) years. Therefore, a new registration form must be received no later than five (5) years after the date your notice was received as indicated above. If your general permit rule conditions require testing, such testing must be completed within the time frame specified in the rule.

If you have any additional questions, please contact Dickson Dibble at 850/921-9586.

Sincerely,



Sandra F. Veazey, Chief
Bureau of Air Monitoring
and Mobile Sources

SFV/pg

CONCRETE BATCHING PLANT AIR GENERAL PERMIT REGISTRATION FORM

Part II. Notification to Permitting Office

(Detach and submit to appropriate permitting office; keep copy onsite)

Bureau of Air
2 Mobile Sources
MAR 25 2009
RECEIVED

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)

0250376-009

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.)

CEMEX Construction Materials Florida, L.L.C.

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.)

CEMEX - Card Sound Ready-Mix and Block

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

Street Address: 15900 S. W. 408th Street

City: Florida City

County: Miami-Dade

Zip Code: 33034

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: Jeffrey R. Porter - Environmental Manager, Southeast Florida Materials Division

Owner/Authorized Representative Mailing Address

Organization/Firm: CEMEX Construction Materials Florida, L.L.C.

Street Address: 1501 Belvedere Road

City: West Palm Beach

County: Palm Beach

Zip Code: 33406

Owner/Authorized Representative Telephone Numbers

Telephone: (561) 820-8415

Fax: (561) 820-8643

Cell phone (optional): (561) 718-7564

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: Edward Williams - Operations Foreman

Facility Contact Mailing Address

Organization/Firm: CEMEX Construction Materials Florida, L.L.C.

Street Address: 15900 S. W. 408th Street

City: Florida City

County: Miami-Dade

Zip Code: 33034

Facility Contact Telephone Numbers

Telephone: (305) 247-3011

Fax: (305) 248-9112

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



Date

3/16/09

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 type="checkbox"/> Pave Roads	<input type="checkbox"/> Pave Parking Areas	<input 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 type="checkbox"/> Chute	<input type="checkbox"/> Enclosure
	<input checked="" 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.

Aggregate stockpiles in the yard are kept watered, partly for quality control and partly to reduce potential emissions from these materials. Fugitive dust from the vehicular driveways and operating yard is controlled by periodic applications of water. Unused concrete which is brought back to the site is stored in a concrete-walled washout structure, which reduces the area needed to dry the material, while keeping it out of the main traffic pattern, where it would generate additional fugitive emissions.

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.

Ready-Mix Concrete Batching Facility and Concrete Block Manufacturing Plant, which utilize cement, flyash, slag and aggregate materials to produce ready-mix concrete and concrete block. Dust emissions generated during the filling of the plants' silos or loading of concrete mixer trucks are controlled by cartridge dust collectors. Details of these emissions units (EU's) are as follows:

Ready-Mix Concrete Batching Facility:

EU-01 - Single-compartment cement silo (with a WAM Corporation cartridge dust collector)

EU-02 - Single-compartment flyash silo (with a WAM Corporation cartridge dust collector)

EU-03 - Single-compartment slag silo (with a WAM Corporation cartridge dust collector).

EU-04 - Cement weigh hopper (with a Merts Model 31 baghouse batcher vent).

EU-06 - Concrete mixer truck loadout (with a C. & W. Dust Systems Model CP-1220-1678 central cartridge dust collector / Proposed)

Concrete Block Manufacturing Plant:

EU-05 - Single-compartment cement silo (with a Merts Model 250 baghouse dust collector).

N/A - Cement weigh hopper/mixer machine* (with a Dusty Dustless baghouse batcher vent).

* The cement weigh hopper/mixer machine is fully-enclosed within the block plant building and does not require annual emissions testing.

**Specifications for CP-1220-1678
Dust Collector**

Model Number: CP-1220-1678

Number of Cartridges: 16

Total Filtration Area: 1216 Sq.Ft.

Min. Design Efficiency of Dust Collector: 99.99%

Air to Cloth Ratio: 5.35 ACFM/Ft.²

Filtration Velocity: 5.35 Ft/Min

Blower / H.P.: 2000 D/7620 C/2 - 15 H.P.

Static Pressure Drop (Inches of Water): 6"

Air Capacity: 6500 C.F.M.

Outlet Area: 2.29 Ft.²

Outlet Velocity: 47.31 Ft/Sec

Outlet Moisture Content: Ideally Zero

Cleaning Mechanism: Pulse Jet Nozzles W/ Per-Set Timer

Frequency of Cleaning: Adjustable Timer

*** Inlet Dust Concentration (Gr/Min): 97.500 Gr/Min**

*** Outlet Emissions (Gr/Min): 9.75 Gr/Min**

*** Outlet Dust Loading: 0.0015 Gr/Cf**

*** - These Calculations Based on Inlet Dust Loading
of 15 Gr/Ft.³**

Cartridge Specifications

Cartridge Is 8" Dia. X 78" Long - 63 Pleats

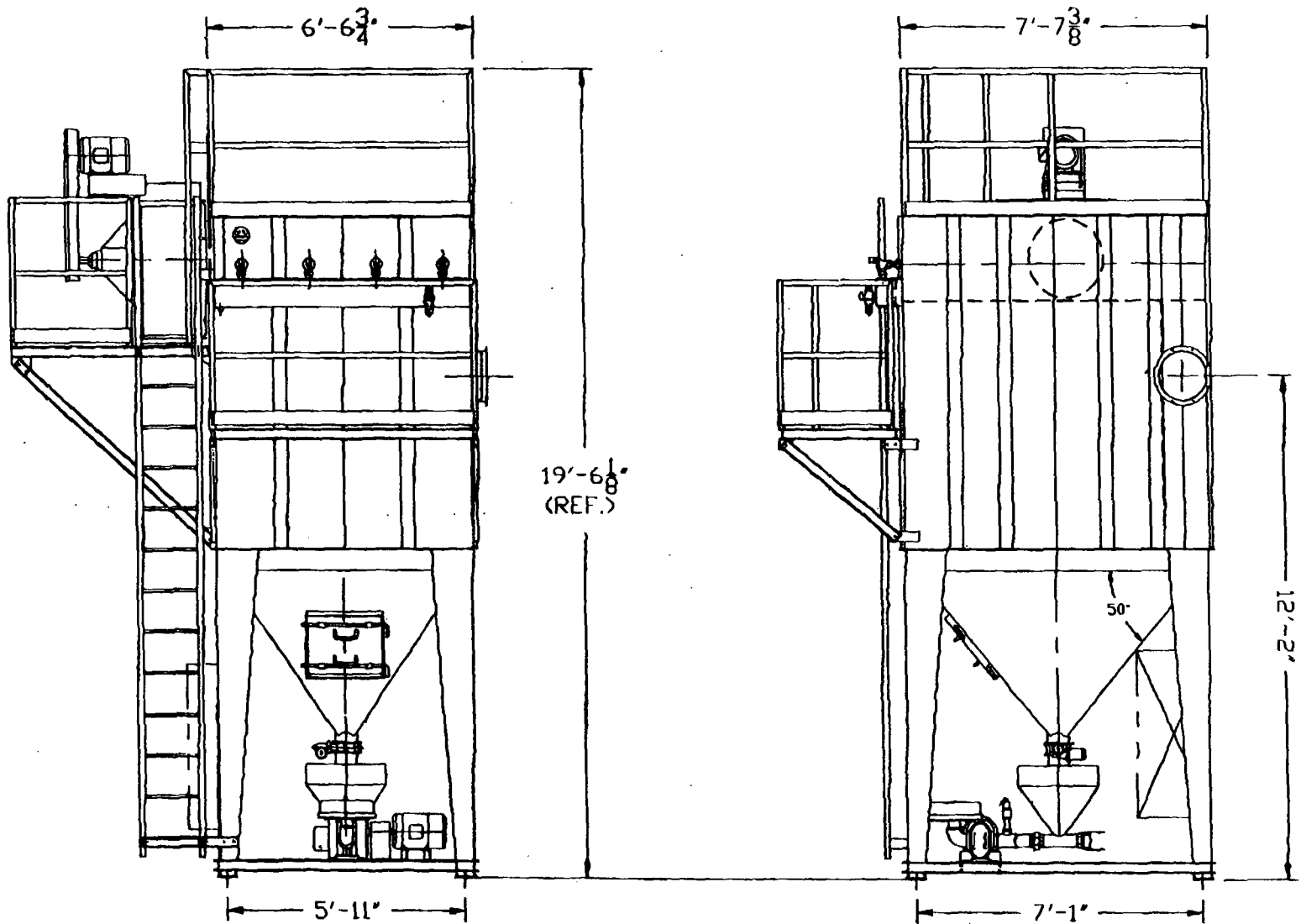
Fabric: 100% Polyester

Weight: Approximately 8.1 Oz.

Air Permeability: 28 CFM @ 1/2" Wg

Efficiency: 99.99% @ .2 - 2 Micron & Above

Heat: 275.200 Degrees F. STD. Construction



6,500 CFM CARTRIDGE PULSE-JET COLLECTOR #CP-1220-1678



C & W MFG. & SALES CO.
 7356 HWY. 1187
 MANSFIELD, TX. 76063 (817) 572-3371



CERTIFIED – RETURN RECEIPT REQUESTED
7007 1490 0001 6863 9935

March 16, 2009

Florida Dept. of Environmental Protection
Receipts
P. O. Box 3070
Tallahassee, FL 32315-3070

RE: General air permit modification for the Cemex / Card Sound ready-mix concrete batching facility (permit no. 0250376-008-AG).

Dear Sirs:

This letter is intended to serve as notification that our company plans to modify the facilities at our Card Sound site, which is located at 15900 S. W. 408th Street, in Florida City, Florida.

Specifically, a C. & W. Dust Systems Model CP-1220-1678 cartridge dust collector will be retrofitted to the batch facility's concrete mixer truck loadout. All other existing dust collectors on the batch facility will remain unchanged.

In order to update the general air permit for this location, we have attached an FDEP General Air Registration Form, specifications for the proposed dust collector and check no. 21815098 in the amount of \$100.00. A visible emissions test will be performed on the dust collector within thirty days of its installation.

If you have any questions concerning the application or need additional data to complete your review, please contact us at (561) 820-8415.

Sincerely,

A handwritten signature in black ink, appearing to read 'Jeffrey R. Porter'.

Jeffrey R. Porter
Environmental Mgr.

Attachments

Page 2
FDEP / Receipts
Card Sound - AG Mod.

cc: R. Overton
C. Idsardi
J. Delcampillo
E. Williams
T. Mazzola
K. Arlington (Arlington Env.)
File (Card Sound)

Wise, Jane

From: Wise, Jane
Sent: Friday, March 27, 2009 12:46 PM
To: 'muthim@miamidade.gov'; 'GordoR@miamidade.gov'; 'garcima@miamidade.gov'
Cc: Veazey, Sandra; Bowman, Sandy
Subject: Recently Received AG Registrations
Attachments: 0250376-009.pdf; 0250376-009 [2].pdf

The attached documents represent recently received air general permit registration forms for your area. As requested, each form has been scanned and attached for your office use. These registrations are currently in the 30-day review cycle. We request that any updates to EU information be made *after* the 30-day review cycle ends. The actual receipt date and other facility information may be obtained in GPCI.

The complete scanned file for each facility will be available in ADH Search after the 30-day review cycle.

If you have any questions or comments, please contact Dick Dibble at 850/921-9586 or by e-mail at dickson.dibble@dep.state.fl.us or Sandy Bowman at 850/921-9583 or by e-mail at sandy.bowman@dep.state.fl.us

R-3/27
O-3/27

3/27/2009

CEMEX
1501 Belvedere Road
West Palm Beach, FL 33406

CERTIFIED MAIL



7007 1490 0001 6863 9935



Florida Dept. of Environmental Protection
Receipts
P. O. Box 3070
Tallahassee, FL 32315-3070

Florida Department of Environmental Protection
Cash Receiving Application (CRA)
 Cashlisting by Deposit #: 291440 thru 291440
 Printed: 3/23/2009 3:35:03 PM - Page 22

Cashlisting: 74767 Cashlist Area: 3755 Description: DIV OF AIR RESOURCES MGMT.
 Deposit No: 291440 Date Deposited: 03/23/2009 Contact: E. WALKER

Object	Transmittal	Dep DDN	Receipt Number	Pre-Numbered Receipt	Name	Check Number	Payment Amount	Reference Account	Payment Number	Remittance Number	Fund	Grant
002272	53672	494454	660426		RINKER MATERIALS	21815096	\$100.00		934246	821619	PFTF	
	53672	494456	660428		RINKER MATERIALS	21815097	\$100.00		934248	821621	PFTF	
	53672	<i>RD</i> 494457	660429		RINKER MATERIALS	21815098	\$100.00	<i>8250376-809</i>	934249	821622	PFTF	
	53675		660481		OLDCASTE PRECAST	3760114554	\$100.00	<i>3/27/2009-CCB</i>	934035	821675	PFTF	
Object Code 002272 Subtotal:							\$400.00					
002275	53671	494424	660396		JACKSONVILLE, CITY OF	00927722	\$540.00		934272	821589	APCTF	
Object Code 002275 Subtotal:							\$540.00					
002278	53670	494417	660389		COOPER AND ASSOCIATES	12140	\$1,000.00	53004	934065	821581	APCTF	
	53671	494431	660403		SUNRISE SYSTEMS OF BREVARD, IN	038708	\$200.00	52682	934278	821596	APCTF	
	53671	494432	660404		GULF POWER CO.	788199	\$200.00	52523	934279	821597	APCTF	
Object Code 002278 Subtotal:							\$1,400.00					
Cashlisting 74767 Total:							\$2,340.00					