

NOV 10 2009

NONMETALLIC MINERAL PROCESSING PLANTS (CRUSHERS)
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)

0710126-016

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):
0710126-015-AO
- 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, LLC

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.)

Alico Road Quarry

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

Street Address: **12501 Alico Road**

City: **Fort Myers**

County: **Lee**

Zip Code: **33913**

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

N/A - 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: **Daniel Beatty, Regional Environmental Manager – South Florida Aggregates**

Owner/Authorized Representative Mailing Address

Organization/Firm: **CEMEX Construction Materials Florida, LLC**

Street Address: **12501 Alico Road**

City: **Fort Myers**

County: **Lee**

Zip Code: **33913**

Owner/Authorized Representative Telephone Numbers

Telephone: **(239) 267-8181 Ext 239**

Fax: **(239) 481-0281**

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: **Daniel Beatty, Regional Environmental Manager - South Florida Aggregates**

Facility Contact Mailing Address

Organization/Firm: **CEMEX Construction Materials Florida, LLC**

Street Address: **12501 Alico Road**

City: **Fort Myers**

County: **Lee**

Zip Code: **33913**

Facility Contact Telephone Numbers

Telephone: **(239) 267-8181 ext. 239**

Fax: **(239) 481-0281**

Cell phone (optional):

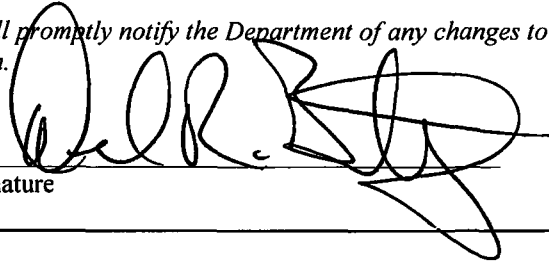
Owner/Authorized Representative Statement

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

11/3/09

Type of Facility

Check one:

Stationary Facility

Relocatable Facility

Type(s) of Precautions Used to Prevent Unconfined Emissions

Check all that apply for the management of roads, parking areas, stock piles and yards:

Maintain Roads/Parking/Yards

Use Water Application

Use Dust Suppressant

Remove Particulate Matter

Reduce Stock Pile Height

Install Wind Breaks

Check the location of spray bars at the nonmetallic mineral processing plant:

Feeders

Entrance to "Crusher"

Exit of "Crusher"

Classifier Screens

Conveyor Drop Points

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.

The Alico Road facility uses the following reasonable precautions to prevent unconfined emissions of particulate matter:

1. **Paving and maintenance of roads, parking areas, and yards.**
2. **Application of water or chemicals to control emissions from such activities as demolition of buildings, grading roads, construction, and land clearing.**
3. **Application of asphalt, water, chemicals or other dust suppressants to unpaved roads, yards, open stock piles and similar activities.**
4. **Removal of particulate matter from roads and other paved areas under the control of the owner or operator of the facility to prevent re-entrainment, and from buildings or work areas to prevent particulate from becoming airborne.**
5. **Landscaping or planting of vegetation.**
6. **Use of hoods, fans, filters, and similar equipment to contain, capture and/or vent particulate matter.**
7. **Confining abrasive blasting where possible.**
8. **Enclosure or covering of conveyor systems.**
9. **Curtailing of operation if winds are entraining unconfined particulate matter.**
10. **Posting of vehicle (or truck) speed limits.**

Description of Facility

Below, or as an attachment to this form, provide a description of the nonmetallic mineral processing 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 Alico Road facility includes four (4) processing areas: primary crushing, secondary crushing, sand plant, and a portable blending plant. The emission points include three (3) crushers, eleven (11) dry conveyors, twenty-four (24) wet conveyors, five (5) storage bins, and four (4) wet screens.

Trucks unload mined rock into a hopper that feeds the primary crusher. The crushed rock is transferred on conveyors to a trommel screen. After the rock exits the trommel screen, it is transferred on conveyors to a stacker conveyor that stacks the rock onto a surge pile. The secondary crushing system processes the rock that has been crushed and screened in the primary system. The material is screened in the scalping screen and then crushed in one of the two secondary crushers. The crushed rock is then screened again in one of two sizing screens and separated by size. The material is transferred through a series of conveyors and is stockpiled according to size by one of three radial stackers.

The sand plant separates the fines (i.e., sand) from the slurry that is discharged from the screens in the primary and the secondary systems. The slurry is sent through classifiers and screw conveyors to remove the sand from the water. The saturated sand is then conveyed on one of three conveyors, depending on the size of the sand, and is then transferred to one of three stacker conveyors for stockpiling. All emissions are fugitive particulate matter (PM). The primary emission control and containment is provided by water sprays.

The blending plant incorporates different fractions of stone through a series of storage bins and conveyor belts. Material is unloaded into one or more storage bins. Material from the storage bins is discharged onto its corresponding feeder conveyor belt and then deposited onto a discharge stacker belt for stockpiling.

Please refer to Attachment for a list of equipment.

Per 40 CFR 60.670, wet screening operations are not subject to 40 CFR 60, Subpart OOO and are not required to be tested annually.

Attachment 1: List of Equipment

Affected Facility	Manufacturer	Date of Manufacture	Identifier & Serial Number	Size (TPH, hp, kW, etc.)	Subject to 40 CFR Part 60, Subpart OOO	
					Yes	No
Primary Crusher	Telsmith ✓	Post 1983/Pre-2008	Primary Crushing/Storage Area	1500 TPH	X	<input type="checkbox"/>
Secondary Crusher(s)	Hazemag ✓	Post 1983/Pre-2008	Secondary Crushing/Screening/Storage Area	900 TPH	X	<input type="checkbox"/>
	Hazemag ✓	Post 1983/Pre-2008	Secondary Crushing/Screening/Storage Area	900 TPH	X	<input type="checkbox"/>
Screening Operation(s)	✓	Post 1983/Pre-2008	Primary System, Trommel Screen (Wet)	FT ²	<input type="checkbox"/>	X
	✓	Post 1983/Pre-2008	Secondary System, Scalping Screen (wet)	FT ²	<input type="checkbox"/>	X
	✓	Post 1983/Pre-2008	Secondary System, Sizing Screen (wet)	FT ²	<input type="checkbox"/>	X
	✓	Post 1983/Pre-2008	Secondary System, Sizing Screen (wet)	FT ²	<input type="checkbox"/>	X
Storage Bin(s)	NEW ✓	Post 2008	Blending Plant, Storage Bin	25 TONS	X	<input type="checkbox"/>
	NEW ✓	Post 2008	Blending Plant, Storage Bin	25 TONS	X	<input type="checkbox"/>
	NEW ✓	Post 2008	Blending Plant, Storage Bin	25 TONS	X	<input type="checkbox"/>
	NEW ✓	Post 2008	Blending Plant, Storage Bin	25 TONS	X	<input type="checkbox"/>

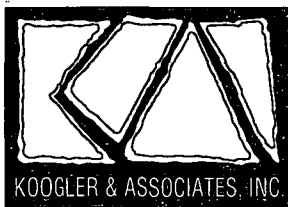
Storage Bin(s)	<i>New</i> ✓	Post 2008	Blending Plant , Storage Bin	25 TONS	X	<input type="checkbox"/>
Belt Conveyor(s)	✓	Post 1983/Pre- 2008	Primary System, C- 1	IN.	X	<input type="checkbox"/>
	✓	Post 1983/Pre- 2008	Primary System C- 1A	IN.	X	<input type="checkbox"/>
	✓	Post 1983/Pre- 2008	Primary System, C- 2 (wet)	IN.	<input type="checkbox"/>	X
	✓	Post 1983/Pre- 2008	Primary System C-3 Stacker (wet)	IN.	<input type="checkbox"/>	X
	✓	Post 1983/Pre- 2008	Secondary System, C-4 (wet)	IN.	<input type="checkbox"/>	X
	✓	Post 1983/Pre- 2008	Secondary System, C-5 (wet)	IN.	<input type="checkbox"/>	X
	✓	Post 1983/Pre- 2008	Secondary System, C-6 (wet)	IN.	<input type="checkbox"/>	X
	✓	Post 1983/Pre- 2008	Secondary System, C- 7 (wet)	IN.	<input type="checkbox"/>	X
	✓	Post 1983/Pre- 2008	Secondary System, C- 8 (wet)	IN.	<input type="checkbox"/>	X
	✓	Post 1983/Pre- 2008	Secondary System, C- 8A	IN.	X	<input type="checkbox"/>
	✓	Post 1983/Pre- 2008	Secondary System, C- 9	IN.	X	<input type="checkbox"/>
	✓	Post 1983/Pre- 2008	Secondary System, C- 10	IN.	X	<input type="checkbox"/>
	✓	Post 1983/Pre- 2008	Secondary System, C- 11 (wet)	IN.	<input type="checkbox"/>	X
	✓	Post 1983/Pre- 2008	Secondary System, C- 12 (wet)	IN.	<input type="checkbox"/>	X
✓	Post 1983/Pre- 2008	Secondary System, C- 13A (wet)	IN.	<input type="checkbox"/>	X	
✓	Post 1983/Pre- 2008	Secondary System, C- 13B (wet)	IN.	<input type="checkbox"/>	X	

Belt Conveyor(s)	✓	Post 1983/Pre-2008	Secondary System, C- 13C (wet)	IN.	<input type="checkbox"/>	X
	✓	Post 1983/Pre-2008	Secondary System, C- 14A (wet)	IN.	<input type="checkbox"/>	X
	✓	Post 1983/Pre-2008	Secondary System, C- 14B (wet)	IN.	<input type="checkbox"/>	X
	✓	Post 1983/Pre-2008	Secondary System, C- 14C (wet)	IN.	<input type="checkbox"/>	X
	✓	Post 1983/Pre-2008	Secondary System, C- 15A (wet)	IN.	<input type="checkbox"/>	X
	✓	Post 1983/Pre-2008	Secondary System, C- 15B (wet)	IN.	<input type="checkbox"/>	X
	✓	Post 1983/Pre-2008	Secondary System, C- 15C (wet)	IN.	<input type="checkbox"/>	X
	✓	Post 1983/Pre-2008	Sand Plant, C-16 (wet)	IN.	<input type="checkbox"/>	X
	✓	Post 1983/Pre-2008	Sand Plant, C-16A (wet)	IN.	<input type="checkbox"/>	X
	✓	Post 1983/Pre-2008	Sand Plant, C-17 (wet)	IN.	<input type="checkbox"/>	X
	✓	Post 1983/Pre-2008	Sand Plant, C-17A (wet)	IN.	<input type="checkbox"/>	X
	✓	Post 1983/Pre-2008	Sand Plant, C-18 (wet)	IN.	<input type="checkbox"/>	X
	✓	Post 1983/Pre-	Sand Plant, C-18A	IN.	<input type="checkbox"/>	X
	NEW ✓	Post-2008	Blending Plant, Feeder Belt	30 IN.	X	<input type="checkbox"/>
	NEW ✓	Post-2008	Blending Plant, Feeder Belt	30 IN.	X	<input type="checkbox"/>
	NEW ✓	Post-2008	Blending Plant, Feeder Belt	30 IN.	X	<input type="checkbox"/>
	NEW ✓	Post-2008	Blending Plant, Feeder Belt	30 IN.	X	<input type="checkbox"/>
	NEW ✓	Post-2008	Blending Plant, Feeder Belt	30 IN.	X	<input type="checkbox"/>

Belt Conveyor(s)	<i>New</i> ✓	Post-2008	Blending Plant, Discharge Stacker Belt	36 IN.	X	<input type="checkbox"/>
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NOTES:

Per 40 CFR 60.670, wet screening operations are not subject to 40 CFR 60, Subpart OOO and are not required to be tested annually.



4014 NW 13th STREET
GAINESVILLE, FL 32609-1923
352/377-5822 ■ FAX/377-7158

263-09-22
October 30, 2009

RECEIVED

NOV 10 2009

AIR MONITORING
& Mobile Sources

Mr. Dickson Dibble
Florida Department of Environmental Protection
Receipts
PO Box 3070
Tallahassee, Florida 32315-3070

SUBJECT: CEMEX Construction Materials Florida, LLC
Alico Road Quarry
Ft. Myers, Lee County, Florida
Initial Air General Permit Notification

Dear Mr. Dibble:

This letter transmits the *Air General Permit Notification Form* for the referenced equipment at the referenced facility.

Please note:

- 1) The processing fee is attached; in accordance with Rule 62-4.050(4)(p)(b), FAC, the processing fee is **\$100** for a general permit not requiring Professional Engineer certification.
- 2) This Notification is being submitted for an Initial Air General Permit.

Please provide written confirmation of coverage under the General Permit. If you have any questions, please call me at (352) 377-5822.

Best Regards,

Veronica N. Sgro, P.E.
KOOGLER AND ASSOCIATES, INC.

Enc.

Cc: Mr. Daniel Beatty – CEMEX Construction Materials Florida, LLC (EMAIL + UPS)

37

52

FedEx US Airbill
Express

FedEx
Tracking
Number

8689 5674 8190

1 From This portion can be removed for Recipient's records.

Date 11/3/09 FedEx Tracking Number 868956748190

Sender's Name Dan Beatty Phone 239 267-8181

Company CEMEX PLANT#1319

Address 12501 ALICO RD

City FORT MYERS State FL ZIP 33913-8238

2 Your Internal Billing Reference

3 To Recipient's Name Dickon Dibble Phone 956 488-0114

Company FDEP

Recipient's Address 2600 Blair Stone Rd. MS 5000

Address Tallahassee State FL ZIP 32399-2400



8689 5674 8190

0397819706

fedex.com 1.800.GoFedEx 1.800.463.3339

RECIPIENT: PEEL HERE

50R11
0215 Recipient's Copy

4a Express Package Service

- FedEx Priority Overnight
Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
 - FedEx Standard Overnight
Next business afternoon.* Saturday Delivery NOT available.
 - FedEx First Overnight
Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
 - FedEx 2Day
Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
 - FedEx Express Saver
Third business day.* Saturday Delivery NOT available.
- * To most locations.
FedEx Envelope rate not available. Minimum charge: One-pound rate.

4b Express Freight Service

- FedEx 1Day Freight*
Next business day.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
 - FedEx 2Day Freight
Second business day.* Thursday shipments will be delivered on Monday.
 - FedEx 3Day Freight
Third business day.* Saturday Delivery NOT available.
- * Call for Confirmation.
** To most locations.

5 Packaging RT **56** 6 **B**
FedEx Envelope*
FedEx tube
Declared value limit \$500

6 Special Hand FZ

- SATURDAY Deliv
Not available for FedEx Standard Overnight.

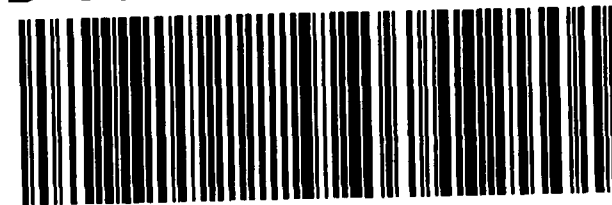
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