

**NONMETALLIC MINERAL PROCESSING PLANT (CRUSHER)
AIR GENERAL PERMIT REGISTRATION WORKSHEET**

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Facility Identification Number - If known (seven digit number)

7775174 **7775174-006** JUN 11 2012

Registration Type

**DIVISION OF AIR
RESOURCE MANAGEMENT**

Check one:

INITIAL REGISTRATION - Notification of intent to:

- Construct and operate a proposed new facility.
- Operate an existing permitted 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). 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. (See "Surrender of Existing Air Operation Permit(s)" below.)
- Operates an existing facility not currently permitted or using 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.
- 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 Applicable

All existing air operation permits for this facility are hereby surrendered upon the effective date of this air general permit; specifically permit number(s):

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 complete registration must be submitted for each.)

Center Hill Quarry

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

Street Address: 530 West Kings Highway (Hwy 48 West)

City: Center Hill

County: Sumter County

Zip Code: 33514

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

N/A

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 STATE OF FLORIDA
 DEPARTMENT OF
 ENVIRONMENTAL
 PROTECTION

Facility Contact

Name and Position Title (Plant manager or person to be contacted regarding day-to-day operations at the facility.)

Print Name and Title: Mr. James Morris, Regional Environmental Manager

Facility Contact Telephone Numbers

Telephone: (352) 796-3522

Fax: (352) 799-0124

Cell phone: (352) 303-3563

E-mail: jamesp.morris@cemex.com

Facility Contact Mailing Address

Organization/Firm: CEMEX Construction Materials Florida, LLC

Mailing Address: 11430 Camp Mine Road

City: Brooksville

County: _____

Zip Code: 34601

Other Contact/Representative (to serve as additional Department contact)

Name and Position Title

Print Name and Title: Fawn Bergen, P.E., Senior Engineer

Other Contact/Representative Telephone Numbers

Telephone: (970) 484-3857

Fax: _____

Cell phone: _____

E-mail: Fawn_Bergen@golder.com

Other Contact/Representative Mailing Address

Organization/Firm: Golder Associates Inc.

Mailing Address: 2809 E. Harmony Road, Suite 310

City: Fort Collins

County: _____

Zip Code: 80526

2012 JUN -8 AM 9:46
FINANCIAL & ACCOUNTING
REVENUE

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

Emission Unit Details

COMPONENT DESCRIPTION (e.g. primary, secondary crusher, screener, conveyor, RICE* engine and fuel type, etc.)	MANUFACTURER	DATE OF MANUFACTURE	MODEL NUMBER	SERIAL NUMBER	RATED CAPACITY (tons/hr, hp)
Hopper	TBD	TBD			
Belt Conveyor	TBD	TBD			200 hp
Screen	Diester	Post-1983		8'x20'	50 hp
Storage Bin	In-house	1972		Feeder DOT Sm	11 Tons
Storage Bin	In-house	1993		Feeder DOT Lg	11 Tons
Storage Bin	In-house	Post-1983		Top-Off Bin 1	50 Tons
Storage Bin	In-house	Post-1983		Top-Off Bin 2	50 Tons
Belt Conveyer	In-house	1991		Lansing Delivery	36" x 45'
Belt Conveyer	In-house	1991		Shuttle Conv. 1	36" x 121'
Belt Conveyer	In-house	1991		Shuttle Conv. 2	36" x 93'
Belt Conveyer	In-house	Post-1983		Shuttle Conv. 3	36" x 100'
Belt Conveyer	In-house	1991		Conveyer #4	36" x 188'
Belt Conveyer	In-house	1991		Conveyer #3	36" x 503'
Belt Conveyer	In-house	1991		Conveyer #2	42" x 1500'
Belt Conveyer	In-house	1991		Conveyer #1	36" x 672'
Belt Conveyer	In-house	1972		Primary Screening Conv.	36" x 125'
Belt Conveyer	In-house	1980		Diversize to Hazemag	36" x 98'
Belt Conveyer	In-house	1986		Short Belt from Hazemag	36" x 22'
Belt Conveyer	In-house	1972		Horizontal Long	36" x 1073'
Belt Conveyer	In-house	1972		East Birdwing Stacker	36" x 136'
Belt Conveyer	In-house	1972		West Birdwing Stacker	36" x 136'
Belt Conveyer	In-house	Post-1983		DOT Short Top-Off	36" x 95'
Belt Conveyer	In-house	Post-1983		DOT Top-Off	36" x 107'
Primary Crusher - portable	Cedar Rapids	1985	4785	32949	150 hp
Primary Crusher - portable	Lansing	1983			400 hp
Secondary Crusher	Hazmag	Post-1983	3642	HNG364225601	300 hp

*RICE: Reciprocating Internal Combustion Engine

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Description of Facility

Below, or as an attachment to this form, provide a description of the nonmetallic mineral processing 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 material(s) processed, all air pollutant-emitting processes, and identify any air pollution control measures used. Mobile source equipment information is not needed (eg.: trucks, bulldozers, front-end loaders, etc.)

CEMEX is planning to install several new emission points (refer to attached process flow diagram) for overburden handling and storage, including a truck unloading hopper, conveyor belt, and overburden storage pile.

The Center Hill Quarry is a relocatable limestone processing facility. Excavated limestone is crushed, sorted according to size, and transferred to a conveyor belt for stockpiling. The Rock Plant, which includes the crusher and conveyor transfer points, has 10 associated emission sources. The Product truck loadout area, which includes hoppers, conveyor transfer points, and holding bins, has 5 associated emissions sources. Refer to the previous table for manufacturer information, model and serial numbers, unit sizes, and 40 CFR Part 60 Subpart OOO applicability.

Helpful Definitions:

"Capacity" – Per 40 CFR 60.671, the cumulative rated capacity of all initial crushers that are part of the plant.

"Department" or "DEP" - The State of Florida Department of Environmental Protection.

"Emissions Unit" - Any part or activity of a facility that emits or has the potential to emit any air pollutant.

"Facility" - All of the emissions units which are located on one or more contiguous or adjacent properties, and which are under the control of the same person (or persons under common control).

"Owner" or "Operator" - Any person or entity who or which owns, leases, operates, controls or supervises an emissions unit or facility.

"Nonmetallic Mineral Processing Plant" – Per 40 CFR 60.671, any combination of equipment that is used to crush or grind any nonmetallic mineral wherever located, including lime plants, power plants, steel mills, asphalt concrete plants, portland cement plants or any other facility processing nonmetallic minerals except as provided in 40 CFR §60.670 (b) and (c).

"Relocatable Facility" - A facility such as, but not limited to, an asphalt plant, portable power generator, or relocatable nonmetallic mineral processing plant, which is designed to be physically moved to, and operated on, different sites by being wholly or partially dismantled and re-erected in essentially the same configuration. It shall not be operable while in transit.

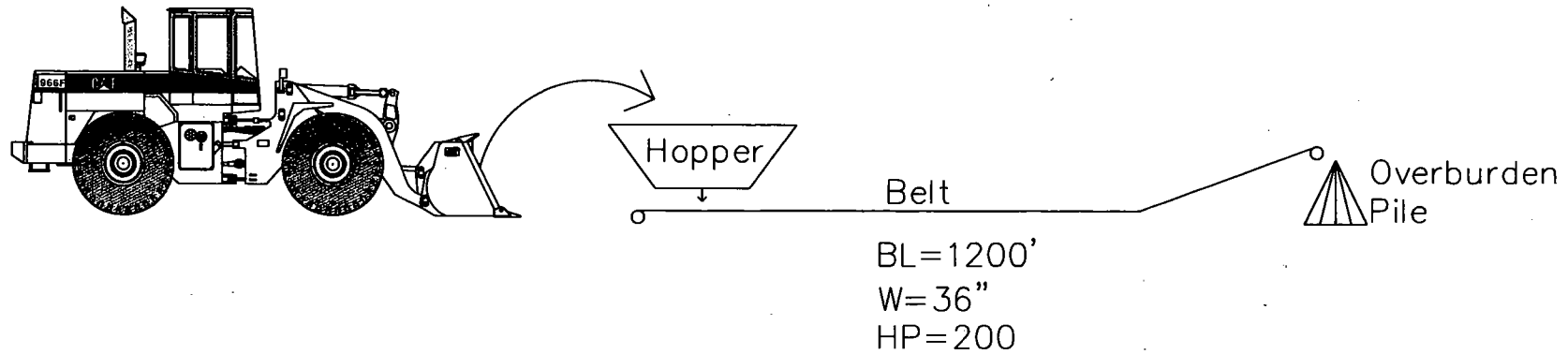
"Screening Operation" – Per 40 CFR 60.671, a device for separating material according to size by passing undersize material through one or more mesh surfaces (screens) in series and retaining oversize material on the mesh surfaces (screens). Grizzly feeders associated with truck dumping and static (non-moving) grizzlies used anywhere in the nonmetallic mineral processing plant are not considered to be screening operations.

"Size" – Per 40 CFR 60.671, the rated capacity in tons per hour of a crusher, grinding mill, bucket elevator, bagging operation, or enclosed truck or railcar loading station; the total surface area of the top screen of a screening operation; the width of a conveyor belt; and the rated capacity in tons of a storage bin.

"Unconfined Emissions" - Emissions which escape and become airborne from unenclosed operations or which are emitted into the atmosphere without being conducted through a stack.

27 JUN - 8 AM 9:46
STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY CONTROL DIVISION

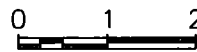
Overburden Conveyor Flow Diagram



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Center Hill Quarry

6/1/2012



REVISIONS

NO.	BY	DATE	DESCRIPTION

Contact:	Contact Name
Phone:	Contact Phone
Email:	Contact Email

6/1/2012



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JUN 11 2012

113-82171

June 6, 2012

Dickson E. Dibble
Florida Department of Environmental Protection
3800 Commonwealth Blvd.
Mail Station 77
Tallahassee, Florida 32399

DIVISION OF AIR
RESOURCE MANAGEMENT

**RE: CEMEX CONSTRUCTION MATERIALS FLORIDA, LLC; CENTER HILL MINE
AIR GENERAL PERMIT REGISTRATION (MODIFICATION); PERMIT NO. 7775174-005-AG**

Dear Mr. Dibble:

Please find enclosed 1 copy of an Air General (AG) Permit Registration application for the CEMEX Construction Materials Florida, LLC, Center Hill Mine located in Sumter County, Florida (Facility ID No. 7775174). This AG permit registration is being submitted to authorize the installation of new equipment at the facility. CEMEX plans to install an overburden truck unloading hopper and conveyor belt that will transfer overburden to a storage pile. A process flow diagram has been included with the application.

Also enclosed is the application fee of \$100. If you have any questions, please contact me at (970) 484-3857 or FBergen@golder.com, or Mr. James Morris at (352) 796-3522 or jpmorris@cemexusa.com.

Sincerely,

GOLDER ASSOCIATES INC.

Fawn Bergen, PE
Senior Air Quality Engineer

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION
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FINANCE & ACCOUNTING
REVENUE

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