

F&A RECEIPT # 529617
DEC 28 2011

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DIVISION OF AIR
RESOURCE MANAGEMENT

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

Facility Identification Number - If known (seven digit number)

— 7775340 **7775340-002**

Registration Type:

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.)

— Florida Concrete Recycling, 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 complete registration must be submitted for each.)

— Eagle Crusher /relocatable

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

Street Address: 18515 SW Archer Road

City: Archer, FL

County: Alachua

Zip Code: 32618-4645

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

— N/A

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: Tim Renfro owner

Facility Contact Telephone Numbers

Telephone: 352-372-1237

Fax: 352-372-9272

Cell phone: 352-494-4506

E-mail: trinc@bellsouth.net

Facility Contact Mailing Address

Organization/Firm: FL Concrete Recycling Inc.

Mailing Address: 930 SW 3rd Street

City: Gainesville FL

County: Alachua Zip Code: 32601

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

Name and Position Title

Print Name and Title: Bill Renfro Plant Manager

Other Contact/Representative Telephone Numbers

Telephone: _____

Fax: _____

Cell phone: _____

E-mail: _____

Other Contact/Representative Mailing Address

Organization/Firm: _____

Mailing Address: _____

City: _____

County: _____

Zip Code: _____

Affected Facilities Description

Affected Facility	Manufacturer	Date of Manufacture	Model Number	Identifier & Serial Number	Size (TPH, hp, kW, etc.)		Subject to 40 CFR Part 60, Subpart OOO	
							Yes	No
✓ Primary Crusher(s)	Eagle	2004	1200	30321	150	TPH	X	<input type="checkbox"/>
Secondary Crusher(s)	None					TPH	<input type="checkbox"/>	X
Tertiary Crusher	None					TPH	<input type="checkbox"/>	X
Grinding Mill(s)	None					TPH	<input type="checkbox"/>	X
Bucket Elevator(s)	None					TPH	<input type="checkbox"/>	X
✓ Screening Operation(s)	Simplicity	2004	M110b5	30321	80	FT ²	X	<input type="checkbox"/>
Bagging Operation	None					TPH	<input type="checkbox"/>	X
Storage Bin(s)	None					TONS	<input type="checkbox"/>	X
Enclosed Truck or Railcar Loading Station	None					TPH	<input type="checkbox"/>	<input type="checkbox"/>
✓ Crusher Engine	John Deere Diesel				400	HP	<input type="checkbox"/>	X
✓ Auxiliary Generator(s)	Marathon Electric				100	KW	<input type="checkbox"/>	X
✓ Belt Conveyor(s)	In house	2004	1200	30321	24	IN.	X	<input type="checkbox"/>
✓ CB-1								
✓ CB-2	In house	2004	1200	30321	48	IN.	X	<input type="checkbox"/>
✓ CB-3	In house	2004	1200	30321	24	IN.	X	<input type="checkbox"/>
✓ CB-4	In house	2004	1200	30321	24	IN.	X	<input type="checkbox"/>
✓ CB-5	In house	2004	1200	30321	24	IN.	X	<input type="checkbox"/>
✓ CB-6	In house	2004	1200	30321	48	IN.	X	<input type="checkbox"/>
✓ CB-7	In house	2004	1200	30321	24	IN.	X	<input type="checkbox"/>
<p>Comments: Visible Emissions Observation Sheets are attached. Process Flow Diagram is also attached.</p>								

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.)

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.

Facility Comments

The facility crushes material from construction and demolition sites. The facility is capable of separating the crushed material into four categories—dirt, metal, and two different grades of concrete. The metals found in the construction and demolition material does *not* make up the majority of the material stream; therefore, the facility can be considered a nonmetallic mineral processing facility. A process flow diagram is also attached to this application.

~~Construction and demolition~~ ^{Concrete, Asphalt 6/29/2006} material is loaded into the hopper. The material is then sent to the crusher from the hopper. After the material is crushed, dirt from the crushed material can either be deposited into a product stockpile via conveyor belt (CB-1) or the material can be sent to the screening operations via another conveyor belt (CB-2).

A magnet is positioned above the conveyor belt transfer point for the conveyor belt (CB-2) and the screen. The magnet separates metal from the ~~construction and demolition~~ ^{Concrete, Asphalt 6/29/2006} material and deposits the metal into another product stockpile.

The remaining material is sifted through the screens. Large pieces of material is sent through a series of conveyor belts (CB-3 and CB-4) and deposited back into the hopper for additional crushing and separation. Medium grade material that passes through the first screen can be deposited into a product stockpile via conveyor belt (CB-5). Fine material that passes through both screens can be sent to another product stockpile via a series of conveyor belts (CB-6 and CB-7).

Material to be Processed and Plant Capacities

Capacity of Plant

Yes No

NONMETALLIC MINERAL PROCESSING PLANTS (CRUSHERS)

Air General Permit Example Registration Worksheet

The Department of Environmental Protection ("Department" or "DEP") has established an "air general permit" at Florida Administrative Code ("F.A.C.") Rule 62-210.310(5)(e) for nonmetallic mineral processing plants. An air general permit is an authorization by rule to construct or operate a specific type of air pollutant emitting facility. Use of such authorization by any individual facility does not require action by the Department. The terms and conditions of the air general permit are set forth in the rule, rather than in a separately issued air construction or air operation permit.

If you are the owner or operator of an eligible facility comprising one or more nonmetallic mineral processing plants, you may register to use the air general permit at Rule 62-210.310(5)(e), F.A.C., by following the general procedures given at subsections 62-210.310(2) and 62-210.310(3), F.A.C. To register, use the Department's electronic registration system (currently under development) or submit all the information specified in the above rules to either of the following addresses, along with the air general permit registration processing fee (\$100.00), payable to FDEP.

Regular USPS Mail Delivery

Department of Environmental Protection
Receipts
Post Office Box 3070
Tallahassee, Florida 32315-3070

or

Overnight Delivery (FedEx, UPS, DHL, etc.)

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

If you properly register to use an air general permit, and are not denied use of the air general permit by the Department, you are authorized to construct and operate the facility in accordance with the general terms and conditions of Rule 62-210.310, F.A.C., and the specific terms and conditions of Rule 62-210.310(5)(e), F.A.C. Your facility may vary, so be sure your registration describes the operations at your facility in sufficient detail to demonstrate the facility's eligibility for use of the air general permit and to provide a basis for tracking any future equipment or process changes. Your registration should describe all air pollutant-emitting processes and equipment at the facility, and it should identify any air pollution control measures or equipment used.

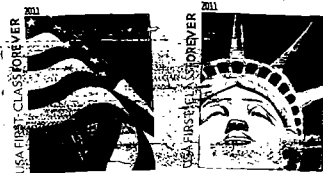
The rules do not require any specific format for the registration. This worksheet, however, has been designed to assist owners and operators. Using it as a template for a general permit registration will help ensure that all necessary information is submitted.

Additional information can be found on the Department's air general permit program website (http://www.floridadep.org/air/emission/air_gp.htm) or by calling the Small Business Environmental Assistance Program Hotline at 1-800-SBAP-HLP (1-800-722-7457).

Fl. Concrete Recycling, Inc.
930 SW 3rd Street
Gainesville, FL 32608

POSTAGE WILL BE PAID BY ADDRESSEE

NO POSTAGE
NECESSARY
IF MAILED
IN THE
UNITED STATES



Department of Environmental Protection
Receipts
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Tallahassee, FL 32315-3070

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