

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

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Facility Identification Number - If known (seven digit number)

7775380

7775380-002

APR 24 2012

DIVISION OF AIR  
RESOURCE MANAGEMENT

**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 Rock Industries, 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.)

Ft. Myers Quarry

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

Street Address: 14341 Allico Road

City: Ft. Myers

County: Lee

Zip Code: 33913 - 8231

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

6/1/12

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**Facility Contact**

<u>Name and Position Title</u> (Plant manager or person to be contacted regarding day-to-day operations at the facility.) Print Name and Title: <u>Kenneth Knowles</u>		
<u>Facility Contact Telephone Numbers</u> Telephone: <u>239-267-1803</u> Fax: _____ Cell phone: <u>786-412-8342</u> E-mail: <u>knowlesk@vmcmail.com</u>		
<u>Facility Contact Mailing Address</u> Organization/Firm: <u>Florida Rock Industries, Inc. Ft. Myers Quarry</u> Mailing Address: <u>14341 Alico Road</u> City: <u>Ft. Myers</u> County: <u>Lee</u> Zip Code: <u>33913</u>		

**Correspondence Contact/Representative (to serve as additional Department contact)**

<u>Name and Position Title</u> Print Name and Title: <u>Lori Sanville</u>		
<u>Correspondence Contact/Representative Telephone Numbers</u> Telephone: <u>239-280-9156</u> Fax: <u>407-264-8121</u> Cell phone: <u>239-280-9156</u> E-mail: <u>sanvillel@vmcmail.com</u>		
<u>Correspondence Contact/Representative Mailing Address</u> Organization/Firm: <u>Florida Rock Industries, Inc</u> Mailing Address: <u>PO Box 4667</u> City: <u>Jacksonville</u> County: <u>Duval</u> Zip Code: <u>32201</u>		

**Government Facility Code (check only one)**

<input checked="" type="checkbox"/>	Facility not owned or operated by a federal, state, or local government.
<input type="checkbox"/>	Facility owned or operated by the federal government.
<input type="checkbox"/>	Facility owned or operated by the state.
<input type="checkbox"/>	Facility owned or operated by the county.
<input type="checkbox"/>	Facility owned or operated by the municipality.
<input type="checkbox"/>	Facility owned or operated by a water management district.

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### Description of Facility

Below, or as an attachment to this worksheet, 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.)

Limestone is dug by excavator in wet condition. All wet limestone is fed into the crusher via loader at the hopper which then utilizes a vibrator feeder to feed the limestone to either the crusher or if the limestone is already of adequate size, to the Feeder Under Belt (BC-A). Material fed to the crusher is crushed to the necessary size and along with material from BC-A, is discharged onto the Crusher Belt (BC-B), BC-B then discharges all material onto the Radial Stacker Belt (BC-C) that discharges all finished product to the ground. This Bohringer unit is relocatable and is moved via the wheels attached to it. The unit is being upgraded. The new work consists of the removal of the old diesel engine and generator and replacing them with a new TECO Westinghouse electric motor that will run via the use of electricity.

### 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.

**NONMETALLIC MINERAL PROCESSING PLANTS  
(CRUSHERS)**

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**Air General Permit Example Registration Worksheet APR 24 2012**

**DIVISION OF AIR  
RESOURCE MANAGEMENT**

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](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).

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**Vulcan**  
Materials Company  
SOUTH REGION

LORI SANVILLE  
ENVIRONMENTAL SPECIALIST  
SOUTH FLORIDA

P.O. BOX 4667 • JACKSONVILLE, FL 32201  
155 EAST 21ST STREET • JACKSONVILLE, FL 32206  
TELEPHONE: 239-280-9156  
FAX: 407-264-8121  
EMAIL: sanvillel@vmcmail.com

April 20, 2012

Dickson E. Dibble, ES III  
Air General Permit Program  
FDEP Division of Air Resource Management  
Office of Permitting & Compliance  
Minerals & Metals Section  
3800 Commonwealth Blvd.  
Mail Station 77  
Tallahassee, FL 32399

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DIVISION OF AIR  
RESOURCE MANAGEMENT

RE: Facility ID 7775380

Dear Mr. Dibble:

In January 2012, the relocatable unit permitted via the above Facility ID expired. At that time it was not renewed as it had not run for many years. Please find enclosed the Air General Permit Registration Worksheet and check no. 0119 in the amount of \$100 for the processing fee.

The unit is undergoing a major upgrade that will result in the removal of the old diesel engine and generator. These units will be replaced by a new TECO Westinghouse electric motor. All other parts remain the same.

Upon completion of upgrade, the unit will be moved to our Miami Quarry at which time the necessary department will be notified of the relocation move and all necessary forms will be completed and submitted.

Thank you for your assistance with this permitting matter. As always, feel free to contact me should you have any questions.

Sincerely,



Lori Sanville  
Environmental Specialist

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