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NONMETALLIC MINERAL PROCESSING PLANT (CRUSHER)  
 AIR GENERAL PERMIT EXAMPLE REGISTRATION WORKSHEET  
 DIVISION OF AIR  
 RESOURCE MANAGEMENT

Facility Identification Number - If known (seven digit number)

NA

7775726-001

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):

NA

**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.)

Onsite Concrete Crushing, 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.)

Hard Rock Materials, Inc.

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

Street Address: 4410 Industrial Park Road

City: Green Cove Springs

County: Clay

Zip Code: 32043 - 8243

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

NA - Existing

**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: Jon Thomas, Sales & QC Representative

Facility Contact Telephone Numbers

Telephone: 904-284-1377

Fax: 904-284-6677

Cell phone: 904-449-8583

E-mail: jthomas\_hrm@msn.com

Facility Contact Mailing Address

Organization/Firm: Hard Rock Materials, Inc.

Mailing Address: 4410 Industrial Park Road

City: Green Cove Springs

County: Clay

Zip Code: 32043

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

Name and Position Title

Print Name and Title: Randy Petty, President

Correspondence Contact/Representative Telephone Numbers

Telephone: 904-284-1377

Fax: 904-284-1993

Cell phone: 904-219-3608

E-mail: NA

Correspondence Contact/Representative Mailing Address

Organization/Firm: Hard Rock Materials, Inc.

Mailing Address: 4410 Industrial Park Road

City: Green Cove Springs

County: Clay

Zip Code: 32043

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

- Facility not owned or operated by a federal, state, or local government.
- Facility owned or operated by the federal government.
- Facility owned or operated by the state.
- Facility owned or operated by the county.
- Facility owned or operated by the municipality.
- Facility owned or operated by a water management district.

**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)	SUBJECT TO 40 CFR, PART 60, SUBPART OOO (Yes or No)**
<input checked="" type="checkbox"/> Crusher	I-Rock	1996		10082	60 TPH	Yes
<del>Excavator</del>	Komatsu	2002	400	A83247		
<del>Front End Loader</del>	Komatsu	1997	624-H	DW624HX5723	6.8L	
<input checked="" type="checkbox"/> Conveyor	MGL			4030202	30 ft	
<del>Crusher</del>						
<del>Excavator</del>					A83247	
<del>Front End Loader</del>						
<del>Conveyor</del>						

\*RICE: Reciprocating Internal Combustion Engine  
 \*\*NMMP Facilities subject to Subpart OOO:  
 Stationary sand and gravel plants with a machine (or a maximum) rated capacity greater than 150 tons per hour  
 Portable sand and gravel plants with a machine (or a maximum) rated capacity greater than 25 tons per hour  
 Clay and pumice plants with a machine (or a maximum) rated capacity greater than 10 tons per hour

### 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.)

The I-Rock 60 TPH crusher is located on the site of an existing permitted concrete batch plant. Leftover concrete from returning trucks is ribboned out on the site where it is broken up into chunks by an excavator, moved by a front end loader to the crusher and crushed into aggregate which is used onsite in the concrete batching process. The crusher is portable and, although rare, can be moved to another site to process cement to aggregate. In addition, concrete is occasionally brought in from other sites to the Green Cove Springs Hard Rock site for processing into aggregate.

The pile concrete broken up by excavator is watered over night prior to being fed into the crusher to reduce dust.

### 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.

WHITMER ENVIRONMENTAL SERVICES, INC.

July 24, 2012

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

Subject: **Air General Permit Registration Worksheet  
Nonmetallic Mineral Processing Plants  
Onsite Concrete Crushing, LLC**

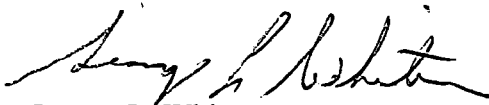
Dear Sir/Madam:

Enclosed is the subject AG Permit Registration Worksheet for Nonmetallic Mineral Processing Plants. Also, enclosed is a check made out to FDEP in the amount of \$100.00 as required for the processing fee.

The crushing operation is co-located with Hard Rock Materials in Green Cove Springs which operates an existing permitted concrete batch plant, Permit No. 0190071-002-AG. This application is for a crushing operation that processes the leftover concrete "ribbons" from returning concrete trucks. Although it is rare, the crusher can move to other offsite crushing operations. The facility will also crush concrete brought in from other locations.

Please call me if you have any questions.

Sincerely,



George L. Whitmer

Attachment

cc: Randy Petty, President - Hard-Rock Materials, Inc.

2201 Mangrove Ln.  
Green Cove Springs, FL  
32043



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

32315307070

