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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)

7770094

7770094-008

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.)

**Commercial Industrial Corp.**

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.)

**Universal Crusher**

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

Street Address: **14850 West Highway 328**

City: **Ocala**

County: **Marion**

Zip Code: **34482-6646**

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: **Eric Goss- Mine Supervisor**

Facility Contact Telephone Numbers

Telephone: **352-291-9136**

Fax: **352-291-9137**

Cell phone: **352-427-4422**

E-mail: **limerock@ciicfl.com**

Facility Contact Mailing Address

Organization/Firm: **Commercial Industrial Corp.**

Mailing Address: **11810 NW 115<sup>th</sup> Ave**

City: **Reddick**

County: **Marion**

Zip Code: **32686**

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

Name and Position Title

Print Name and Title: **Matt Rudnianyn- President**

Other Contact/Representative Telephone Numbers

Telephone: **352-840-0161**

Fax: **352-867-1859**

Cell phone: **352-266-2762**

E-mail: **matt@ciicfl.com**

Other Contact/Representative Mailing Address

Organization/Firm: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City: \_\_\_\_\_

County: \_\_\_\_\_

Zip Code: \_\_\_\_\_

**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.



## 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 facility meets the Eligibility Requirements specified in Rule 62-210.310(2), F.A.C.**

**The facility meets the fuel usage requirements specified in Rule 62-210.310(5)(e), F.A.C.**

**Air Pollution Control Measure-** the crusher will be located at mines or quarries processing only material from onsite natural deposits. Water suppression system with spray bars located wherever unconfined emissions occur at the feeder(s), the entrance and exit of the crusher(s), the classifier screens and the conveyor drop points is needed pursuant to Rule 62-210.310(5)(e), F.A.C.

**The mined material is generally wet, which helps prevent unconfined particulate matter emissions.**

**Please refer to Attachment 1 for a Facility Equipment List and Process Flow Diagram.**

## 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).

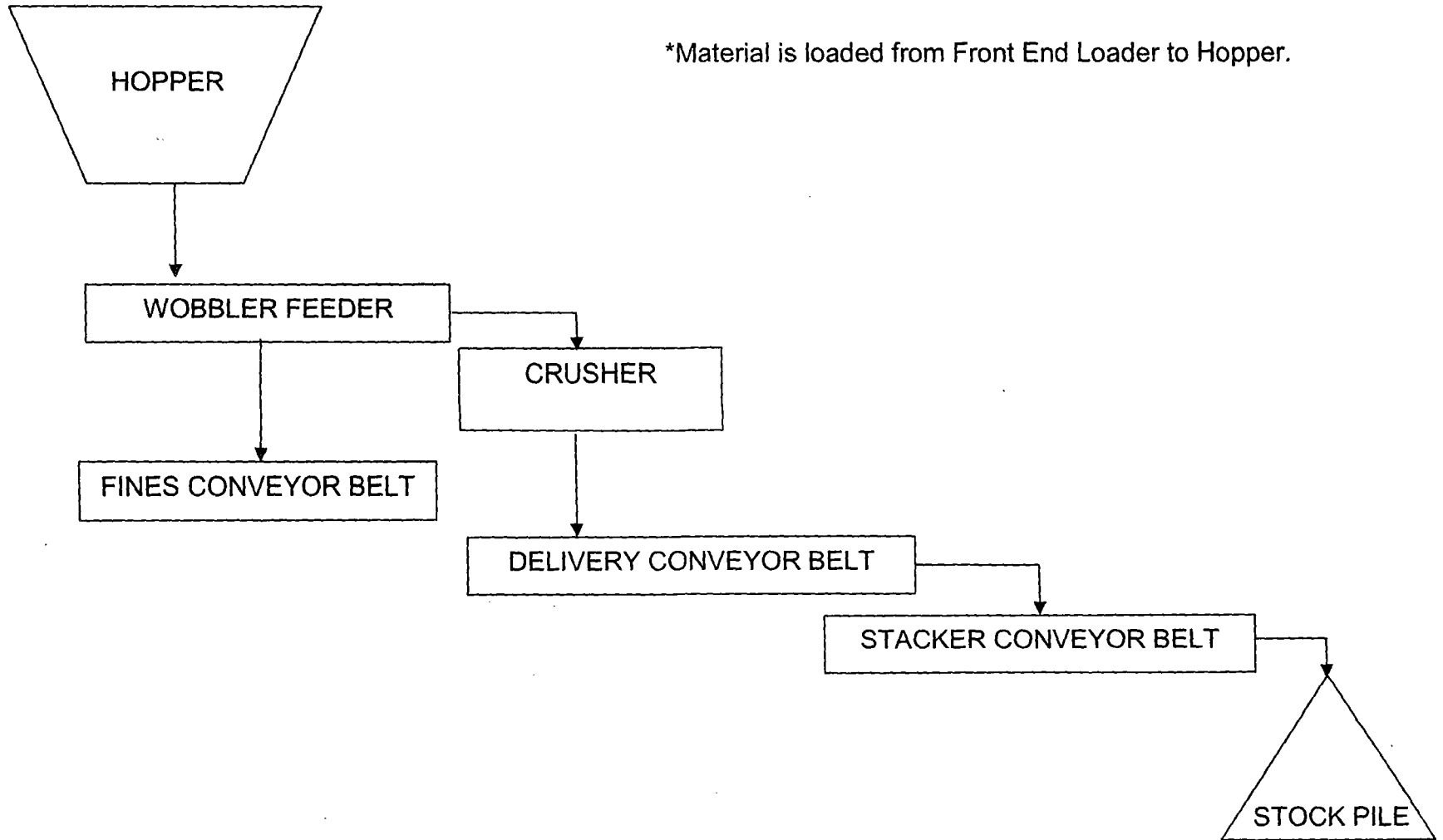
**“Relocatable Facility”** - A facility such as, but not limited to, an asphalt plant, portable power generator, or relocatable nonmetallic mineral processing plant, which is designed to be physically moved to, and operated on, different sites by being wholly or partially dismantled and re-erected in 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.

# PROCESS FLOW DIAGRAM



\*Material is loaded from Front End Loader to Hopper.

**FACILITY EQUIPMENT LIST**

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)	Universal	Pre-1983	45-55	CR-5 554X1112APR	400 TPH	<input type="checkbox"/>	X
✓ Crusher Engine	Caterpillar		3408		400 HP	<input type="checkbox"/>	X
Feeder	In House			Wobbler Feeder		<input type="checkbox"/>	X
Auxiliary Generator(s)	Lima				100 KW	<input type="checkbox"/>	X
Belt Conveyor(s)	In-House	Pre-1983		Fines Belt	36 IN.	<input type="checkbox"/>	X
	In-House	Pre-1983		Delivery Belt	42 IN.	<input type="checkbox"/>	X
	In-House	Pre-1983		Stacker Belt	42 IN.	<input type="checkbox"/>	X
Comments: Generator is driven by engine.							



December 7, 2011

SUBJECT: Commercial Industrial Corp.  
Universal Crusher  
Facility ID No. 7770094

Air General Permit Notification

Please Note:

1. The processing fee is attached; in accordance with Rule 62-4.050(4)(p)(b), F.A.C., the processing fee is \$100 for a general permit not requiring a professional Engineer certification.

Please provide written confirmation of coverage under the General Permit. If you have any questions, please call me at (352) 840-0161 Extension 17.

Sincerely,

A handwritten signature in black ink, appearing to read "Stephanie Clarkson", is written over the word "Sincerely".

Stephanie Clarkson  
Commercial Industrial

FLORIDA DEPARTMENT OF  
ENVIRONMENTAL PROTECTION  
2011 DEC -9 PM 3: 06  
FINANCE & ACCOUNTING  
REVENUE

# 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](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).