

F<sup>1</sup>/<sub>E</sub>A RECEIPT 767368  
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NONMETALLIC MINERAL PROCESSING PLANT (CRUSHING) DIVISION OF AIR  
AIR GENERAL PERMIT EXAMPLE REGISTRATION WORKSHEET RESOURCE MANAGEMENT

Facility Identification Number - If known (seven digit number)

7770389-002-AG

7770389-003

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):

n/a

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.)

**Crushing 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.)

**Unit # 1**

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

Street Address: **8501 Florida Rock Road**

City: **Orlando**

County: **Orange**

Zip Code: **32824 - 7842**

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

**12-18-2011**



**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)**
Primary Crusher	Eagle Crusher Co., Inc.	2006	1200	30507	300 tph	Yes
Vibrating Screen	Simplicity Engr.	2006	M110	5'x16', 2 Deck	300 tph	Yes
Crusher Engine	Detroit Diesel Engine	2006	Series 60	On plant	350 hp	No
Generator	Lima ( belt driven )	2006	Mac-r	On plant	100 KW	Yes
Stacking Conveyor	Superior	2006	PS-95	5229	300 tph	Yes
Vibrating Feeder	Simplicity Engr.	2006	5' x 16'	On plant	300 tph	Yes
Under Crusher Conveyor	Eagle Crusher Co. Inc.	2006	42" x 33'	On plant	300 tph	Yes
Top Deck Conveyor	Eagle Crusher Co. Inc.	2006	24" x 8'	On plant	25 tph	Yes
Bottom Deck Conveyor	Eagle Crusher Co. Inc.	2006	24" x 9'	On plant	25 tph	Yes
Return Conveyor	Eagle Crusher Co. Inc.	2006	24" x 28'	On plant	40 tph	Yes
Under Screen Conveyor	Eagle Crusher Co. Inc.	2006	42" x 18'	On plant	300 tph	Yes

\*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

This portable ( relocatable ) operation is comprised of the following components: Excavator, Front end loader, Portable Crushing and Screening Plant, Stacking Conveyor, optional Transfer Conveyor and optional Stacking Conveyor. Currently the two optional conveyors are not being used.

**Normal Operating Mode:** The excavator loosens the asphalt from the pile, mixing the light colored material, which is dusty, with the dark colored asphalt. This mixing procedure helps control the dust as we process further. The loader dumps the material into the portable crushing and screening plant. If any dust is created it occurs in the feeder and crusher area. Water sprays are introduced into the crusher chamber inlet if dust occurs. The oil in the asphalt also acts as a dust control device and typically eliminates dust from being created. After the material leaves the crusher it is conveyed with an on plant conveyor, to the vibrating screen where it is sized into a product and drops onto the under screen conveyor. The under screen conveyor delivers it to the stacking conveyor and then onto the stockpile. The drop from the stacking conveyor is controlled by raising or lowering the conveyor if needed to control any dust created. The oversized material from the vibrating screen is conveyed with the return conveyor and reintroduced into the crusher for further reduction.

If two products are created the optional stacking conveyor and transfer conveyor are required. They are not being employed at this current jobsite.

A typical portable ( relocatable ) operation diagram is attached for your reference.

## 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.

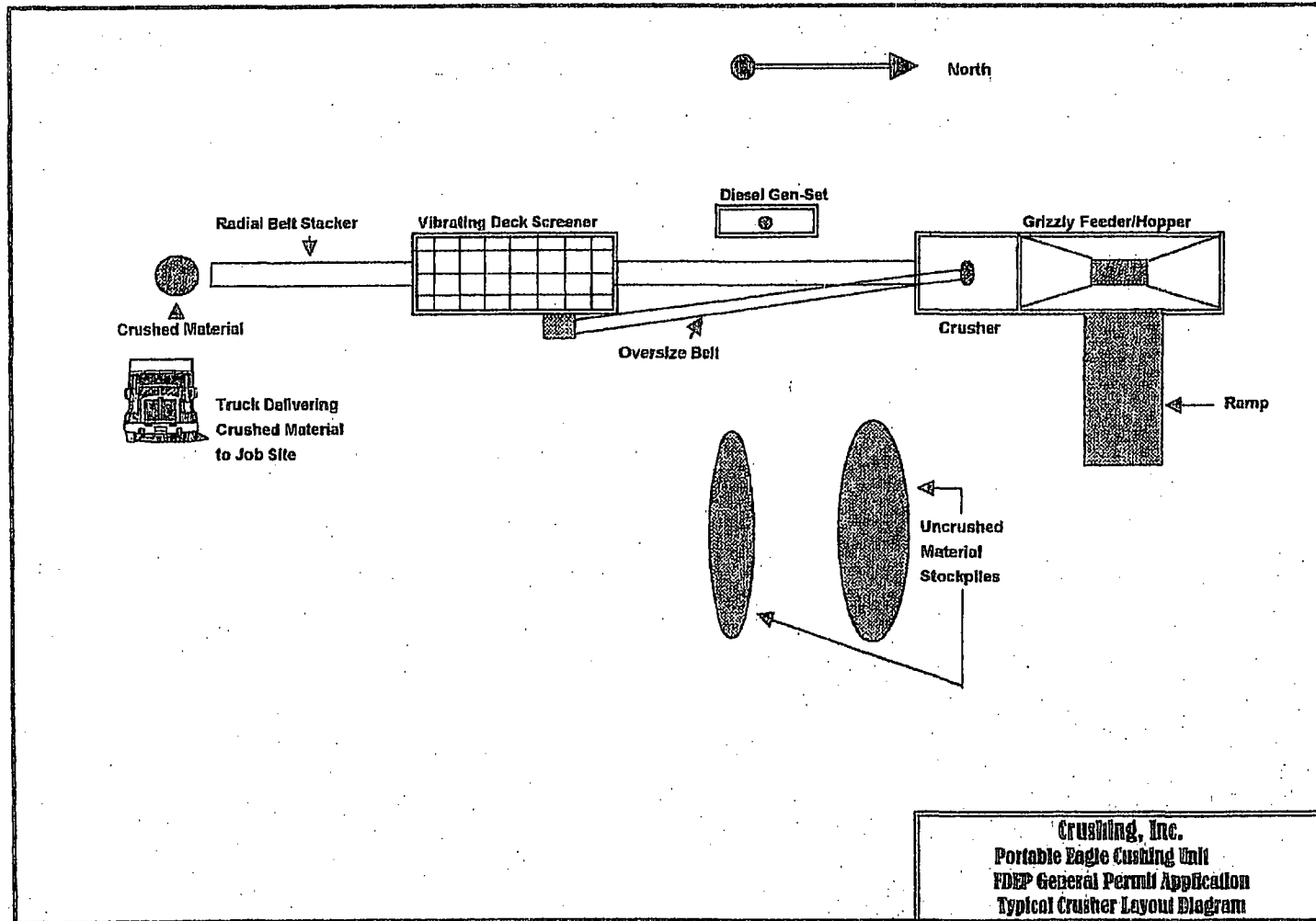
**“Facility”** - All of the emissions units which are located on one or more contiguous or adjacent properties, and which are under the control of the same person (or persons under common control).

**“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



FLORIDA DEPARTMENT OF  
ENVIRONMENTAL PROTECTION

# CRUSHING INC.

PO Box 300637  
Fern Park, Florida 32730-0637  
Phone : 407-699-7377  
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FINANCE & ACCOUNTING  
REVENUE

**January 5, 2012**

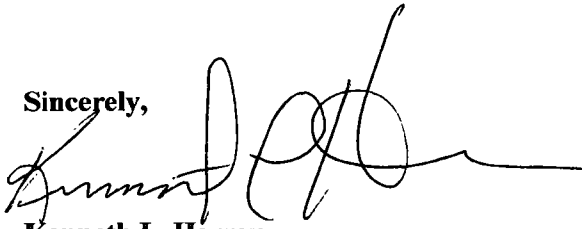
**Department of Environmental Protection  
3800 Commonwealth Blvd.  
Tallahassee, Florida 32399**

**Re: 7770389-002-AG Permit Renewal**

**Dear Sir:**

**We are enclosing the necessary registration forms and fees for the renewal of our Air General Permit # 7770389-002-AG. We trust this information is complete and will satisfy the necessary requirements for the extension of our existing permit. If questions arise or additional information is needed please contact the undersigned at 321-436-1866 or email @ [klherron@earthlink.net](mailto:klherron@earthlink.net).**

Sincerely,



**Kenneth L. Herron**

**President**