

Received in P/A  
7/20/11

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

**Facility Identification Number - If known** (seven digit number)

NONE

7771276-003

**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.

MP

**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):

None

**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.)

RBG Mechanical Services, 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.)

OFFICE

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

Street Address: 24150 Richbarn Road

City : Brooksville

County: Hernando

Zip Code: 34601

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

July 25, 2011

FLORIDA DEPARTMENT OF  
NATURAL RESOURCES  
2011 JUL 20 11 18 AM  
PERMITTING

**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: Richard B Green / Owner

Facility Contact Telephone Numbers

Telephone: 352-544-2646

Fax: N/A

Cell phone: 727-919-7500

E-mail: \_\_\_\_\_

Facility Contact Mailing Address

Organization/Firm: RBG Mechanical, Inc

Mailing Address: 24150 Richbarn Road

City: Brooksville

County: Hernando

Zip Code: 34601

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

Name and Position Title

Print Name and Title: \_\_\_\_\_

Other Contact/Representative Telephone Numbers

Telephone: \_\_\_\_\_

Fax: \_\_\_\_\_

Cell phone: \_\_\_\_\_

E-mail: \_\_\_\_\_

Other Contact/Representative Mailing Address

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

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

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

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

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

FLORIDA DEPARTMENT OF  
INDUSTRIAL REGULATION  
2011 JUL 20 AM 10:18  
RICHARD B. GREEN  
REGISTRATION

**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)
Primary Crusher	Eagle 1200-25	1997	33D4778	11094	200 ton 400HP
Conveyor	Eagle 30X50	1995	PRSC	2166-95	
Conveyor	L.B. Smith	06/1997	6-2928-05	2460C-1138	

2011 JUL 20 11:01:18 AM  
 U.S. DEPARTMENT OF ENVIRONMENTAL PROTECTION  
 FEDERAL REGISTER  
 EPA

\*RICE: Reciprocating Internal Combustion Engine

RECEIVED

JUL 21 2011

BUREAU OF  
AIR REGULATION

RBG Mechanical Services, Inc.  
24150 Richbarn Road  
Brooksville, FL 34601

07/18/2011

Department Of Environmental Protection  
3800 Commonwealth Blvd.  
Mail Station 77  
Tallahassee, FL 32399

To Whom It May Concern,

RBG Mechanical Purchased a 1997 Eagle Crusher April of 2011. RBG Mechanical initially filled the application for the Air General Permit and showed it to a local Environmental Engineer and they told us to hold on to the paper and submit it when we obtained our first job. We have obtained our first job and would like to start the job on July 25, 2011. We are new to the crushing business and have no prior permits.

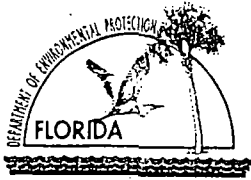
Sincerely,



Rick Green

Owner of RBG Mechanical Services, Inc

FL DEPARTMENT OF  
ENVIRONMENTAL PROTECTION  
2011 JUL 20 AM 10:18  
BUREAU OF AIR REGULATION



# Department of Environmental Protection

## Division of Air Resource Management

### FACILITY RELOCATION NOTIFICATION

Submit to DEP district office or local air program office that has permitting authority for the area in which the facility is to be relocated.

(DEP/Local Note: Update existing facility location data in ARMS. Do not create new facility record.)

**Current Facility Information**

1. Facility ID: <i>None</i>	2. Permit /Project Number:
3. Facility Owner or Operator: <i>RBG Mechanical Services, Inc.</i>	
4. Facility Name: <i>Office</i>	
5. Current or Most Recent Facility Street Address or Location Description: <i>24150 Richbarn Rd</i>	
6. City: <i>Brooksville</i>	7. County: <i>Hernando</i>
8. Shutdown Date at This Location: <i>New Operation Have Not Started</i>	

**Proposed New Facility Location**

1. Facility Street Address or Location Description (do not enter a post office box number): <i>DAB Constructors 3300 N.E. Parkway</i>	
2. City: <i>Spring Hill</i>	3. County: <i>Hernando</i>
4. List other air permitted operations at this location (if any):	
Facility ID	Permit/Project Number
_____	_____
_____	_____
_____	_____
5. Startup Date at New Location: <i>July 25, 2011</i>	
6. Facility Comment:	

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 2011 JUL 20  
 10:18 AM  
 DEPARTMENT OF ENVIRONMENTAL PROTECTION  
 AIR RESOURCE MANAGEMENT DIVISION

**Owner/Authorized Representative or Responsible Official**

Name and Title of Owner/Authorized Representative or Responsible Official: Rick Green / OWNER of R.B.G Mechanical Services, Inc.		
Organization/Firm: RBG Mechanical Services, Inc.		
Street Address or P. O. Box: 24150 Richbarn Rd		
City: Brooksville	State: FL	Zip: 34601
Telephone: 727-919-7500	Fax:	

**Facility Contact**

Name and Title of Facility Contact: Rick Green		
Organization/Firm: RBG Mechanical Services, Inc		
Street Address or P. O. Box: 24150 Richbarn Rd		
City: Brooksville	State: FL	Zip: 34601
Telephone: 727-919-7500	Fax:	

**Certification**

Statement by Owner/Authorized Representative or Responsible Official:	
<i>I hereby certify that the information given in this report is correct to the best of my knowledge.</i>	
<i>Rick B Green</i> Signature	<u>07-18-11</u> Date

**Supplemental Requirements**

1. Provide a scale map (e.g., the relevant portion of a USGS topographic map) showing the proposed new location of the facility and points of air pollutant emissions in relation to roads and other features of the surrounding area.
2. If relocating to a different DEP district or local air permitting office area of jurisdiction, provide a copy of the most recent compliance test report.

FLORIDA DEPARTMENT OF  
ENVIRONMENTAL PROTECTION  
JUL 20 AM 10:18

**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

**Description of Reasonable Precautions**

Below, or as an attachment to this form, provide details of all types of reasonable precautions to be used to prevent unconfined emissions at the facility.

- We will be applying water on both the entrance point and exit point of the crusher.

- We will have a water truck on site for dust control

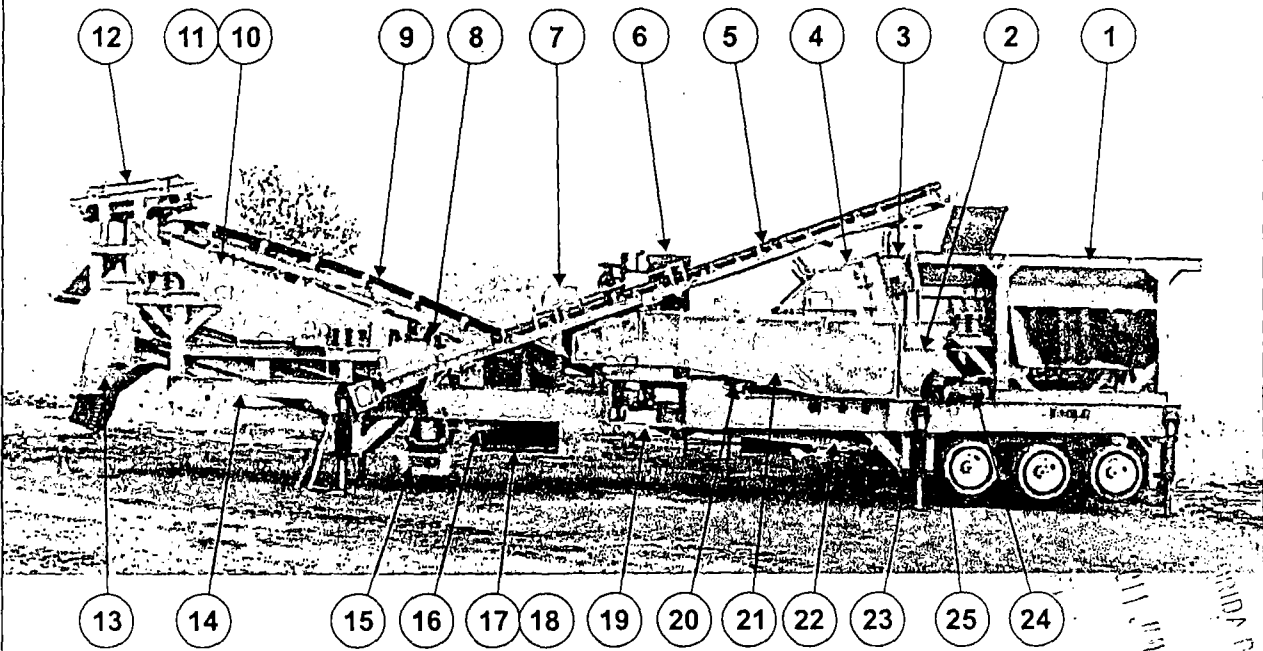
- May water raw material if needed

We feel these two items will provide enough emission protection that the governing agency is looking for.

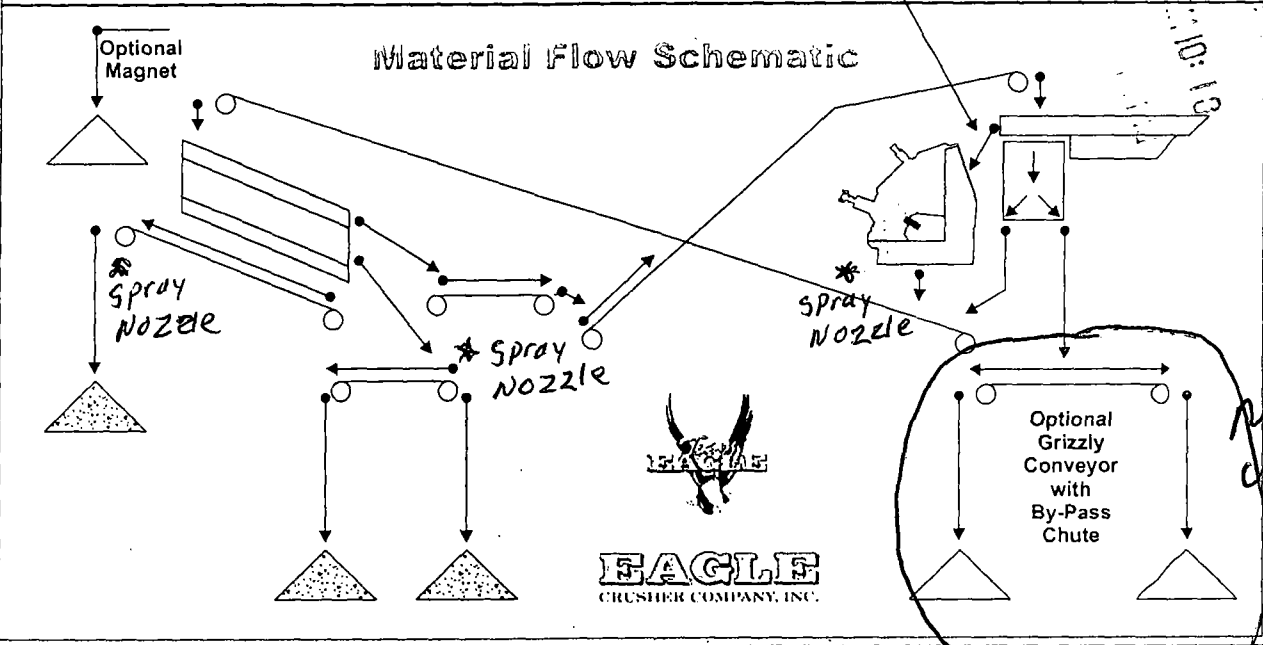
2011 JUL 20 AM 10:13  
FLORIDA DEPARTMENT OF  
ENVIRONMENTAL PROTECTION

## Closed Circuit Plant

Item	Description	Item	Description	Item	Description
1	Hopper / Feeder Assembly	10	Screen Assembly	19	Hydraulic Assembly
2	By-Pass Chute Assembly	11	Screen Tie Down	20	Operator's Platform
3	Feed Box Assembly	12	Magnet (Option)	21	Drive Guard
4	UltraMax-15 Impactor	13	Fines Conveyor	22	Discharge Box Assembly
5	Return Conveyor Assembly	14	Main Frame	23	Cross Tie Installation
6	Diesel Power Unit	15	Lower Cross Conveyor	24	Grizzly Cross Conveyor with By-Pass Chute (Option)
7	Generator	16	Fuel Tank	25	Tri-Axle Suspension
8	Upper Cross Conveyor	17	Control Panel		
9	Discharge Conveyor Assembly	18	Variable Speed Drive (Option)		



Water spray nozzles (3) for fugitive emission is located at this point in system.





# EAGLE CRUSHER

C O M P A N Y , I N C O R P O R A T E D

## Dust Control System

Eagle Crusher Company produces portable recycling units equipped with a dust control system as an integral part of the plant. The system consists of a series of spray nozzles mounted in the feed opening of the Ultra Max impactor, including both internal and external saturation. This dust control system requires only two (2) gallons per minute of water supply @ 30-35 PSI to control dust during processing of material through the impactor.

Due to the porous nature of the material, all of the induced moisture is absorbed and captured by the material being processed; therefore, no effluent runoff is created.

As an added benefit, a pipe tee connector can be attached and a hand held spray nozzle can be used to give the operator additional control.

**EAGLE CRUSHER COMPANY, INC.**

Team Eagle, Sales

FLORIDA DEPARTMENT OF  
REVENUE  
2011 JUL 20 AM 10:18  
ENTER TO REVENUE

**TEAM EAGLE**

Route: 4.9 mi, 8 min



A: 18531 Us Highway 41, Spring Hill, FL 3461...



B: 3300 Northeast Pkwy, Spring Hill, FL 34604



Route: 4.9 mi, 8 min



This was your map view in the browser window.

A: 18531 Us Highway 41, Spring Hill, FL 3461...



B: 3300 Northeast Pkwy, Spring Hill, FL 34604

