

RECEIVED

**NONMETALLIC MINERAL PROCESSING PLANTS (CRUSHERS)  
AIR GENERAL PERMIT REGISTRATION FORM**

DEC 29 2010  
Bureau of Air Monitoring  
& Mobile Sources

**Part II. Notification to Permitting Office**

(Detach and submit to appropriate permitting office; keep copy onsite)

**Instructions:** To give notice to the Department of an eligible facility's intent to use this air general permit, the owner or operator of the facility must detach and complete this part of the Air General Permit Registration Form and submit it to the appropriate Department of Environmental Protection or local air pollution control program office which has permitting authority. Please type or print clearly all information, and enclose the appropriate air general permit registration processing fee pursuant to Rule 62-4.050, F.A.C. (\$100 as of the effective date of this form)

**7775117-004**

**Registration Type**

Check one:

**INITIAL REGISTRATION** - Notification of intent to:

- Construct and operate a proposed new facility.  
 Operate an existing 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).

**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., or 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 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. In such case, check the first box, and indicate the operation permits being surrendered. If no air operation permits are held by the facility, check the second box.

- All existing air operation permits for this facility are hereby surrendered upon the effective date of this air general permit; specifically permit number(s):  
 7775117-003-AO MIGRATING TO AG  
 No air operation permits currently exist for this facility.

**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.)

Promax Recycling, 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 registration form must be completed for each.)

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

Street Address: 3070 Apopka Blvd

City: Apopka

County: Orange

Zip Code: 32703 - 9347

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

N/A

**Owner/Authorized Representative**

Name and Position Title (Person who, by signing this form below, certifies that the facility is eligible to use this air general permit.)

Print Name and Title: Jonathan Landers, Vice President

Owner/Authorized Representative Mailing Address

Organization/Firm: Promax Recycling, Inc.

Street Address: 3070 Apopka Blvd.

City: Apopka

County: Orange

Zip Code: 32703 - 9347

Owner/Authorized Representative Telephone Numbers

Telephone: 407.299.0001

Fax: 407.299.0021

Cell phone (optional):

**Facility Contact (If different from Owner/Authorized Representative)**

Name and Position Title (Plant manager or person to be contacted regarding day-to-day operations at the facility.)

Print Name and Title: Jonathan Landers, Vice President

Facility Contact Mailing Address

Organization/Firm: Promax Recycling, Inc.

Street Address: 3070 Apopka Blvd.

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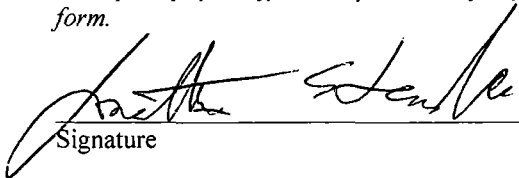
Cell phone (optional):

**Owner/Authorized Representative Statement**

This statement must be signed and dated by the person named above as owner or authorized representative

*I, the undersigned, am the owner or authorized representative of the owner or operator of the facility addressed in this Air General Permit Registration Form. I hereby certify, based on information and belief formed after reasonable inquiry, that the facility addressed in this registration form is eligible for use of this air general permit and that the statements made in this registration form are true, accurate and complete. Further, I agree to operate and maintain the facility described in this registration form so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof.*

*I will promptly notify the Department of any changes to the information contained in this registration form.*

  
Signature

12-22-10  
Date

**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.

**Note for "Type(s) of Precautions Used to Prevent Unconfined Emissions":** Water application at "Feeder" and "Exit to "Crusher"" is done manually by crusher operator via spray hose with the primary focus on wetting loads being loaded into crusher feed hopper.

Experienced frontend-loader operators in charge of loading concrete and asphalt into crusher feed hopper. Manual water spray of crusher feed hopper and exit of crusher. Spray bars at conveyor drops to stock piles and entrance to crusher. Automated yard irrigation system with approximately 12 high capacity sprinkler heads. Periodic removal of potential particulate matter and attention to stock pile heights.

### Description of Facility

Below, or as an attachment to this form, provide a description of the nonmetallic mineral processing 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 all air pollutant-emitting processes and equipment at the facility, and identify any air pollution control measures or equipment used.

EAGLE 1400 CRUSHER & SCREEN PLANT (electric motor powered)  
Rated at ~ 400 tons/hr, actual capability at this site < 300 tons/hr.

Consist of:

1. Crusher feed hopper (vibrating) and grizzly bar-screen screen (manual water spray)
2. Crusher
3. Conveyor Belts System (approximately 17 drop points depending upon whether one includes crusher/screen internal belts). Includes three sets of inclined belts (radial-arm stackers) for stacking 3 sizes of aggregate atop stock piles (each improved with a spray bar at final drop point).
4. Metal Magnet and metal collection bins.
5. 3-Stage Vibrating screen .
6. Oversized return belt (inclined) to crusher feed hopper.
7. Stock piles.
8. Excavator for breaking up large pieces of concrete.
9. Frontend Loaders and Bobcats.
10. Yard (watered via spray irrigation-type system).
11. Maintenance Shop.
12. Office Building.

.Frontend loader used to load feeder. Material such as concrete or recycled-asphalt-product will be loaded with heavy equipment into feed hopper of crusher. Crushed materials will be screened and conveyed to stockpiles.

Potential emissions from crusher plant and adjacent exempt commonly controlled facility is less than Major Source thresholds, combined.

\* SEE ATTACHED E-MAIL DATED 01/11/11  
AS AN ADDENDUM TO THIS FORM.



From: Doug Bauman [doug4ucf@earthlink.net]  
Sent: Tuesday, January 11, 2011 6:19 PM  
To: Dibble, Dickson  
Cc: Ajhar, Rebecca; jonathan@promaxrecycling.com  
Subject: RE: Promax Recycling Inc, Facility #7775117

Mr. Dibble,

Good evening. Here is the response to your questions. Several of which we just discussed on the phone earlier today.

If you have any further questions please contact me.

**1) Crusher**

- a) One spray bar inside crusher; also manual spray at crusher feed hopper by crusher operator.
- b) Yes, a Grizzly Bi-Pass Screen for smaller pieces of concrete and asphalt
- c) Yes, one 24" wide grizzly fines conveyor belt and one 24" wide grizzly transfer conveyor belt taking material over to the main take away belt.

**2) Stand alone conveyor belts**

- a) All belts are Eagle brand, except for one MGL (Portable Belt)
- b)
  - ✓ 1. One Main Take Away Discharge Belt 42" x 40' 15hp 1800rpm with a Dings Model 33 Magnet Belt attached.
  - ✓ 2. One Closed Circuit Return Conveyor Belt 30" x 50' 10hp, 1800 rpm
  - ✓ 3. Two Transfer Conveyor Belts 30" x 30' 7.5hp 1800rpm
  - ✓ 4. Two Radial Stackers 30" x 95' 25hp, 1800 rpm
  - ✓ 5. One MGL Radial Stacker 30" x 40' 5 hp 1800rpm
- c) All belts are designed to handle 400 tons/hr or its portion of 400ton/hr once the material gets separated by the screen plant.
- d) Three (3) spray bars: one for each radial stacker, located at the drop points of each radial stackers; potential fugitive emissions from upstream belt transfer points controlled via moisture content in aggregate provided by water spray at crusher and crusher feed hopper

**3) Stand alone screening operation**

- ✓ a) Eagle Portable Screening Plant
- ✓ b) 6' x 20' horizontal triple deck screen 50hp 1800rpm motor
- ✓ c) Type - Triple Decker
- d) None. Potential fugitive emissions from triple deck screen controlled via moisture content aggregate provided by water spray at crusher and crusher feed hopper
- e) additional belts attached to the screen plant:
  - ✓ 1. One Screen Feed Conveyor Belt 42" x 25' 5hp, 1800 rpm
  - ✓ 2. One Fines Conveyor Belts 48" x 32' 5hp, 1800 rpm
  - ✓ 3. Two Cross Conveyor Belts 24" x 10' 3hp, 1800 rpm

**4) RICE - N/A (Electric motors on crusher, screen plant, and all conveyor belts)**

Regards,  
Douglas Bauman, MSc, P.E.  
General Civil & Environmental Engineering LLC  
407.822.7655

-----Original Message-----

**From:** Dibble, Dickson [mailto:Dickson.Dibble@dep.state.fl.us]

**Sent:** Tuesday, January 04, 2011 4:24 PM

**To:** 'Doug Bauman'

**Cc:** Ajhar, Rebecca

**Subject:** Promax Recycling Inc, Facility #7775117

Doug,

Happy New Year once again! Hope your holidays were great!

As I mentioned during our conversation, I had just completed my Outlook notes regarding the subject item facility and the need for additional information, so for expediency's sake I have done a cut-n-paste.

NOTES: 01/04/11, 1430 HRS – Called for Jonathan Landers ((407) 299-0001). He was not available, so talked with receptionist Mary that I was looking for additional equipment identifying information pertaining to the crushing operation. Left my phone number so that he could return my call.

Need the following data:

- 1) **Crusher** – Eagle Ultra-Max 1400-45, 400T/hr machine rated capacity, electric powered <(I have this info)
  - a) #, and location of spray bars including feeder/hopper?
  - b) Screen on the crusher?
  - c) Crusher underbelts, output belts?
  
- 2) **Stand alone conveyor belts** (list each individually, do not include crusher belts)
  - a) Make?
  - b) Model #, or belt size?
  - c) Capacity expressed in T/hr?
  - d) Spraybars?
  
- 3) **Stand alone screening operation** (list each individually, do not include screen that is part of the crusher)
  - a) Make?
  - b) Model #, or screen size?
  - c) Type: Triple Deck?
  - d) Spraybars?
  
- 4) **Reciprocating Internal Combustion Engines (RICE) (GenSets)** (list only those used as a power source for crusher, screener, conveyor operations, not those associated with front-end loaders, excavators, trucks, material haulers). **Ignore this question if power is supplied by the local electric power grid.**
  - a) Make
  - b) Model #
  - c) Serial #
  - d) Hp
  - e) Fuel type

If you have any questions, comments or concerns please e-mail or call.

Thank you for your assistance and have a great day!

Sincerely,

*Dick*

**Dickson E. Dibble, ES III**

FL Dept of Environmental Protection  
Div. of Air Resource Management  
Bureau of Air Monitoring & Mobile Sources  
Air General Permit Program  
Tel. (850) 921-9586  
FAX (850) 922-6979  
ICG-#345

**Dickson.Dibble@dep.state.fl.us**



**Please note:** Florida has a very broad public records law. Most written communications to or from state officials regarding state business are public records available to the public and media upon request. Your e-mail communications may therefore be subject to public disclosure

*The Department of Environmental Protection values your feedback as a customer. DEP Secretary Mimi Drew is committed to continuously assessing and improving the level and quality of services provided to you. Please take a few minutes to comment on the quality of service you received. Simply click on [this link to the DEP Customer Survey](#). Thank you in advance for completing the survey.*

## Dibble, Dickson

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**Subject:** Processed AIRS ID# 7775117-004, PROMAX RECYCLING INC dba PROMAX RECYCLING, 3070 APOPKA BLVD, APOPKA, FL 32703-9347  
**Location:** NONMETALLIC MINERAL PROCESSING PLANT-Apopka  
**Start:** Tue 1/4/2011 12:00 AM  
**End:** Wed 1/5/2011 12:00 AM  
**Show Time As:** Free  
**Recurrence:** (none)  
**Organizer:** Dibble, Dickson  
**Categories:** PENDING

### PENDING

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## Dibble, Dickson

---

**From:** Dibble, Dickson  
**Sent:** Tuesday, January 04, 2011 4:24 PM  
**To:** 'Doug Bauman'  
**Cc:** Ajhar, Rebecca  
**Subject:** Promax Recycling Inc, Facility #7775117

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Thank you for your assistance and have a great day!

Sincerely,

*Dick*

**Dickson E. Dibble, ES III**

FL Dept of Environmental Protection  
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**Dickson.Dibble@dep.state.fl.us**



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**Tracking:**

**Recipient**  
'Doug Bauman'  
Ajhar, Rebecca

**Delivery**

Delivered: 1/4/2011 4:24 PM



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Addressee Copy  
Label 11-B, March 2004

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Post Office To Addressee

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Date Accepted <b>12/22/10</b>	Scheduled Date of Delivery Month <b>12</b> Day <b>23</b>	Return Receipt Fee <b>/</b>
Mo. Day Year <b>12 22 10</b>	Scheduled Time of Delivery <input checked="" type="checkbox"/> Noon <input type="checkbox"/> 3 PM	COD Fee <b>\$</b>
Time Accepted <input type="checkbox"/> AM <b>16:54</b> <input checked="" type="checkbox"/> PM	Military <input type="checkbox"/> 2nd Day <input type="checkbox"/> 3rd Day	Insurance Fee <b>\$</b>
Flat Rate <input type="checkbox"/> or Weight <b>lbs. 3.3</b>	Int'l Alpha Country Code	Total Postage & Fees <b>\$ 15.90</b>
		Acceptance Emp. Initials <b>AMS</b>

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Delivery Attempt	Time	<input type="checkbox"/> AM <input type="checkbox"/> PM	Employee Signature
Mo. Day	Time	<input type="checkbox"/> AM <input type="checkbox"/> PM	Employee Signature
Delivery Date Mo. <b>12</b> Day <b>23</b>	Time	<input type="checkbox"/> AM <input type="checkbox"/> PM	Employee Signature <i>[Signature]</i>

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I wish delivery to be made without obtaining signature of addressee or addressee's agent (if delivery employee judges that article can be left in secure location) and I authorize that delivery employee's signature constitutes valid proof of delivery.

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Weekend  Holiday  Mailer Signature

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**General Civil & Env. Eng.**  
**5305 Pineview Way**  
**Apopka FL 32703**

TO: (PLEASE PRINT) PHONE ( )

**Florida Dept. of Environmental Protect**  
**Attn: Receipts - Dick D'Alle**  
**PO BOX 3070**  
**Tallahassee FL**

ZIP + 4 (U.S. ADDRESSES ONLY. DO NOT USE FOR FOREIGN POSTAL CODES.)

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