

SEP 10 6 2010

NONMETALLIC MINERAL PROCESSING PLANTS (CRUSHERS) Bureau of Air Monitoring  
 AIR GENERAL PERMIT REGISTRATION FORM & 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)

7775648-001

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): \_\_\_\_\_
- 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.)  
 Pece of Mind Environmental, 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.)  
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Facility Location (Provide the physical location of the facility, not necessarily the mailing address.)  
 Street Address: 801 SW 2<sup>nd</sup> Avenue  
 City: Gainesville County: Florida Zip Code: 32601-6210

Facility Start-Up Date (Estimated start-up date of proposed **new** facility.) (N/A for existing facility)  
 October 14, 2010

2010 SEP 14 11:10:20  
 DEPARTMENT OF ENVIRONMENTAL PROTECTION  
 AIR QUALITY DIVISION

**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: Steve Pece - President

Owner/Authorized Representative Mailing Address

Organization/Firm: Pece of Mind Environmental, Inc.

Street Address: 1575 Aber Road

City: Orlando

County: Florida

Zip Code: 32807

Owner/Authorized Representative Telephone Numbers

Telephone: 407-568-3456

Fax: 407-5681954

Cell phone (optional): 407-948-4299

**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: Jeff Hussing, Supervisor

Facility Contact Mailing Address

Organization/Firm: Pece of Mind Environmental, Inc.

Street Address: 1575 Aber Road

City: Orlando

County: Florida

Zip Code: 32807

Facility Contact Telephone Numbers

Telephone: 321-228-4376

Fax:

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



Date

9/13/10

2010 SEP 14 AM 10:20  
FLORIDA REVENUE  
ACCOUNTING  
FLORIDA DEPARTMENT OF REVENUE

**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.

**The following steps will be taken to prevent unconfined emissions at the facility:**

- 1. Check the facility dust suppression system at a minimum of 2 times per day to ensure it's working properly**
- 2. Size the intake concrete down to 2' minus pieces so the crusher can work at an optimum speed and efficiency**
- 3. Power sweep and wet down area around the crusher to ensure no loose materials are scattered on the ground**
- 4. Set up a water mister on the piles of crushed concrete**
- 5. Keep material piles in manageable sizes and heights so they are easily sprayed with water**

2010 SEP 14 AM 10:20  
FINANCIAL SERVICES  
REVENUE

9910A DEPT. OF ENVIRONMENTAL CONSERVATION

### 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 1200-25 portable recycling plant S/N 30696 as it was shipped from the factory in 2007. It is a closed circuit plant capable of producing two products with controlled sizing with an integral 2-deck screen.

UltraMax 1200-25 Portable Plant capable of 140 tons of crushed material per hour.

Base Unit consists of:

Receiving Hopper: heavy duty, formed steel reinforcement of side plates, 7'-5" X 18'0" top opening;

Vibrating Grizzly Feeder: 45-1/2" x 18'0" long includes 60" tapered step grizzly, 25 HP, 1200 RPM, TEFC electric motor drive, mounted as integral with hopper on common base, nominal bar spacing at 1-1/2";

Horizontal Shaft Impactor: Eagle UltraMax 25, Wt. 32,500 lbs., 34" x 48" feed opening, sculptured solid rotor with reversible cast primary curtain, fabricated secondary curtain with replaceable liners with positive hydraulic shim adjustment, crusher housing split with hydraulic opening for easy access to rotor and both curtains;

Fines Bypass Chute: for diverting material to the undercrusher gathering hopper;

Undercrusher Gathering Hopper: heavy-duty steel plate complete with full length rubber flashing and abrasion resistant replaceable liners;

Plant Conveyor: 42" wide for transporting crusher discharge material to the 2-deck screen, 20 degree troughing idlers, high impact urethane/rubber slider bed in loading area, return rollers, head section raises and lowers for operating and travel positions, 15 HP, 1800 RPM, TEFC, electric motor drive;

Vibrating Screen: 5' x 16' 2-deck, inclined, screen cloth size to be specified with order, 15 HP, 1800 RPM, TEFC, electric motor drive, stroke setting available by weights;

Return Conveyor: 24" wide, plant mounted for return of oversize material of top deck back to the hopper, 20 degree troughing idlers, loading area skirtboards, 7.5 HP, 1800 RPM, TEFC, electric motor drive. Top 1/3 is hydraulic retraction for operation and travel;

Top Cross Conveyor: 18" wide for discharge of first deck material to the return conveyor, flatbelt rollers, full length skirtboards with rubber flashing, 4 HP, 1800 RPM, TEFC, electric motor drive;

Bottom Cross Conveyor: 24" wide for discharge of second deck material to the R.H. side of plant, 20 degree troughing idlers, full length skirtboards with rubber flashing, 4 HP, 1800 RPM, TEFC, electric motor drive;

Screen Fines Conveyor: 48" wide for discharge of second deck fines to the front of plant, flatbelt roller, under-screen gathering hopper with full length rubber flashings, steel plate discharge chute for transfer to radial stacker, 10 HP, 1800 RPM, TEFC, electric motor drive;

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RECEIVED  
COUNTING  
ORDA DEPARTMENT

## Description of Facility

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Platforms and Railings: structural steel frame with expanded metal floor, access ladders on each side of plant, platforms and railings located at the crusher, diesel and hopper for operation;

Main Trailer Frame: 24" wide flange beam side rails, air ride tri axle suspension with 71" track axles, twelve 255/70R 22.5 12-ply tires, air controlled brakes with emergency; and service gladhands, fifth wheel plate and kingpin, prewired running lights with stop, directional and 3 light marker bar.

Hydraulic Lift/Leveling: Set of six "stiff-leg" hydraulic cylinders with in-line load controls on each, in-line control valves, powered by gasoline powered hydraulic unit;

Drive Guards: formed sheet metal frame with wire mesh.

Central Control Panel: NEMA 4 box, plant mounted complete with circuit breakers, transformer, motor starters and fuses, emergency stop pushbuttons, two extra 15 HP and one 25 HP starters and fuses with quick disconnect plugs for radial stackers, and one dual 110 volt auxiliary outlet. Remote operators console complete with all start/stop and emergency stop pushbuttons wired in sequence starting;

Diesel Power: Detroit Diesel Series 60, 375 HP diesel engine, one 125 gallon fuel tank, two 8D batteries;  
Variable Electric Speed Feeder Control: 25 HP, adjustable frequency AC drive complete with NEMA 12 enclosure, start/stop pushbuttons and variable speed switch.

Generator: Lima "MAC-R" Series, heavy-duty base mounted, 100 KW, 480 volts, 3-phase, 60 hertz. Generator enclosure. Hydraulic adjustment for engine and generator belt adjustment.

Magnetic Separator: Dings Model 33CR continuous belt magnet with stainless steel clad discharge belt, 5 HP 1800 RPM, TEFC, electric motor drive, magnet transformer from 480 volts to 7150 watts and mounting brackets. Single Tag Axle with air ride suspension.

Hydraulic adjustment of drive belts.

Belt Scale: Tecway WY-10 belt scale installed on stacker. No charge for installation.

Portable Radial Stacker: Two (2) 30"x50' radial stackers equipped with belt cleaner, backstop, radial receiving hopper, manual raise and lower, 15 hp electric motor drive, 100' cable from tail and plug, backstop, belt cleaner, anchor pivot plate, manual raise and lower, towing eye. Note: jobsite portable only.