

RECEIVED

MAY 27 2009

DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY MONITORING
& CONTROL DIVISION

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

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)

7775594-001

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.) The Redland Company, 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.) Concrete Structures Inc. Plant Site

Facility Location (Provide the physical location of the facility, not necessarily the mailing address.)
 Street Address: 11200 N.W. 58th Street
 City: Miami County: Miami-Dade Zip Code: 33178

Facility Start-Up Date (Estimated start-up date of proposed new facility.)(N/A for existing facility)
 June 15, 2009

Owner/Authorized Representative

<u>Name and Position Title</u> (Person who, by signing this form below, certifies that the facility is eligible to use this air general permit.) Print Name and Title: Charles P. Munz, President			
<u>Owner/Authorized Representative Mailing Address</u> Organization/Firm: The Redland Company, Inc. Street Address: 48 N.E. 15th Street City: Homestead County: Miami-Dade Zip Code: 33030			
<u>Owner/Authorized Representative Telephone Numbers</u> Telephone: (305) 247-3226 Fax: (305) 247-1756 Cell phone (optional): (305) 345-2656			

Facility Contact (If different from Owner/Authorized Representative)

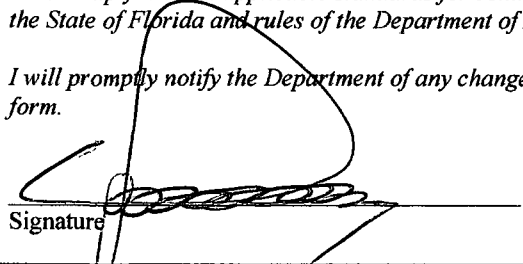
<u>Name and Position Title</u> (Plant manager or person to be contacted regarding day-to-day operations at the facility.) Print Name and Title: Charles P. Munz, President			
<u>Facility Contact Mailing Address</u> Organization/Firm: The Redland Company, Inc. Street Address: 48 N.E. 15th Street City: Homestead County: Miami-Dade Zip Code: 33030			
<u>Facility Contact Telephone Numbers</u> Telephone: (305) 247-3226 Fax: (305) 247-1756 Cell phone (optional): (305) 345-2656			

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

May 12, 2009
Date

2009 MAY 12 11 09 AM

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:

<input checked="" type="checkbox"/> Maintain Roads/Parking/Yards	<input checked="" type="checkbox"/> Use Water Application	<input type="checkbox"/> Use Dust Suppressant
<input type="checkbox"/> Remove Particulate Matter	<input checked="" type="checkbox"/> Reduce Stock Pile Height	<input checked="" type="checkbox"/> Install Wind Breaks

Check the location of spray bars at the nonmetallic mineral processing plant:

<input type="checkbox"/> Feeders	<input type="checkbox"/> Entrance to "Crusher"	<input type="checkbox"/> Exit of "Crusher"
<input type="checkbox"/> Classifier Screens	<input checked="" type="checkbox"/> 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.

1) The Materials that are to be crushed onsite are excavated from an onsite excavation, all the excavation is done below the ground water table, therefore causing the excavated material to be in a completely saturated state. The stockpiled material is then processed while the material has a very high moisture content, therefore reducing any dust issues to a minimum.

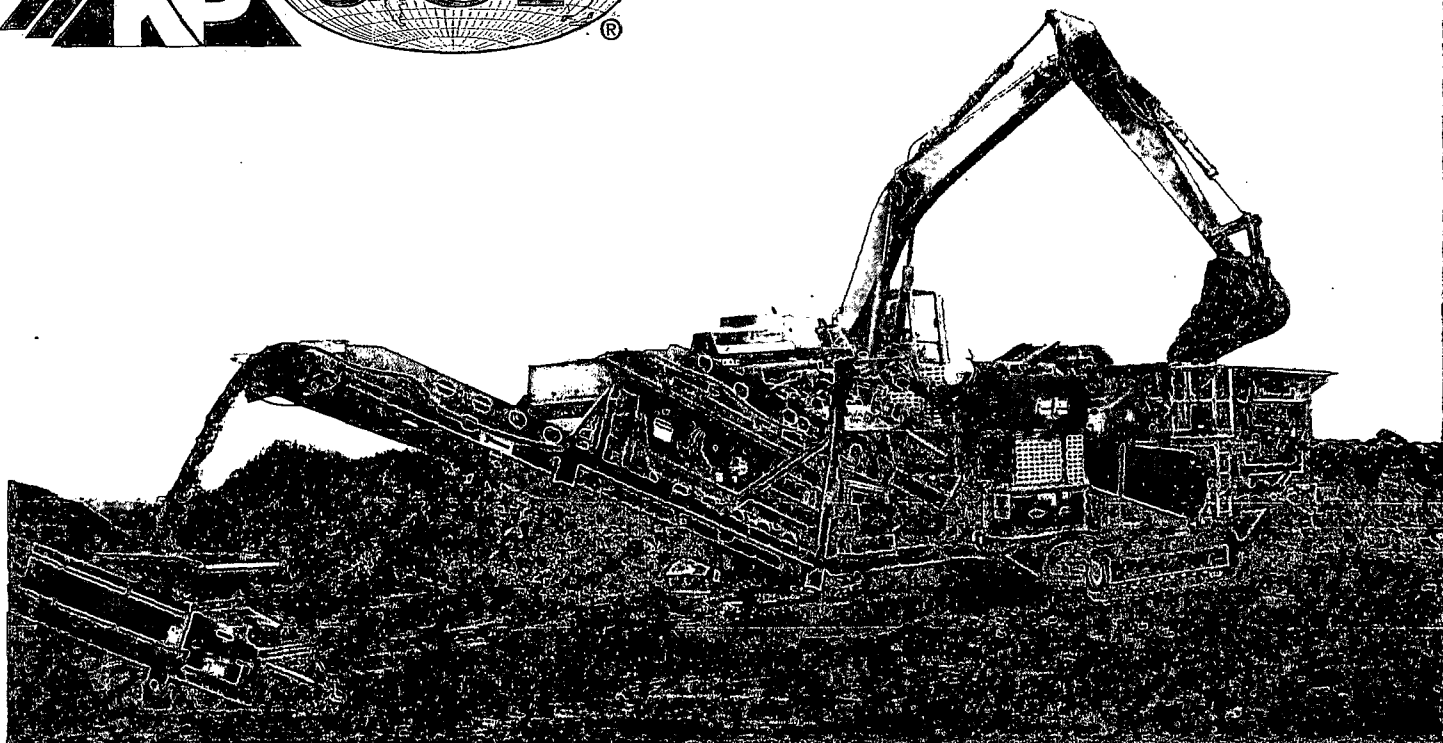
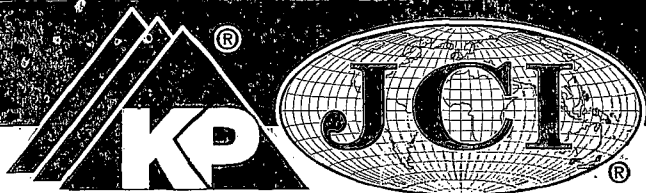
799910014 2010 01 10
2010 01 10 10:00
2010 01 10 10:00

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.

- 1) See attached Equipment Specifications.
- 2) The Raw Material from the Lake Excavation is loaded directly into the Portable Crusher, the Material being of a very high moisture content is then stockpiled for future use adjacent to the Lake Site. The stockpiles produced are of a very low profile thus prevailing winds are of no factor. The discharge end of the Conveyor has attached spray bars to control any airborne particles as an added feature.

2007 JAN 14 11 34 AM
DEP



VALUE

FEATURES

Mobility

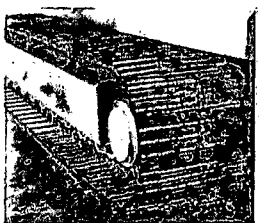
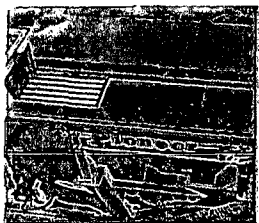
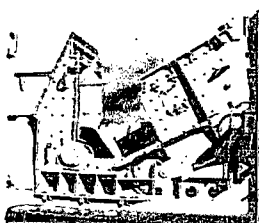
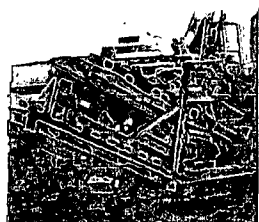
Versatility

Profitability

Compatibility

All are great definitions for this compact **Fast Trax**® Model FT4240 Horizontal Shaft Impact Plant with maximum production capacities up to 325 tons per hour. This highly mobile plant can drastically increase your bottom line by decreasing your material hauling costs. That's right, crush your base material on the job site by utilizing recycled materials.

Combine additional Fast Trax plants to assemble multi-stage processing system and multiply your "abilities."



Versatility

An optional magnet assembly separates ferrous contaminations from processed material prior to screening. In closed circuit, material is delivered to a 4ft. x 12ft., double deck vibrating screen for further sizing.

Productivity

This high production (up to 325 TPH) Pioneer brand Horizontal Shaft Impact utilizes the MPR, Maximum Performance Rotor offering the integrity of a solid rotor design with the accessibility of a segmented rotor. Replaceable, bolt-on wear liners and primary and secondary apron tips are all standard equipment.

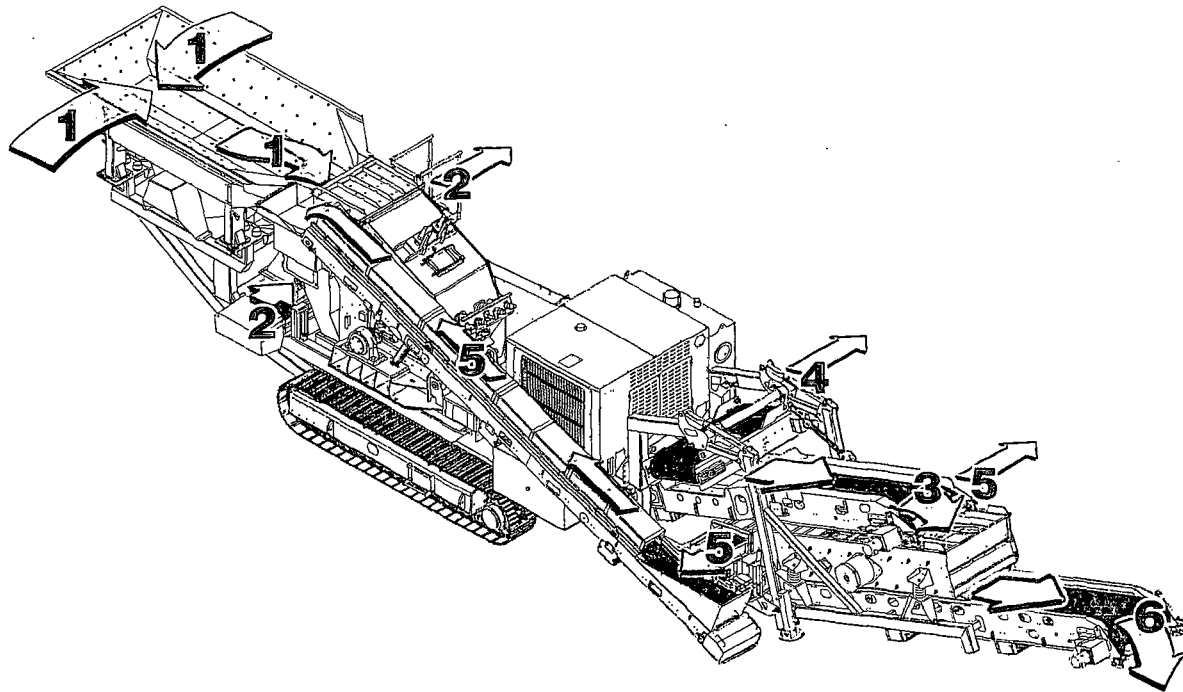
Capacity

This vibrating grizzly feeder provides a large 14 ft. long, 5 1/2 cubic yard hopper to help support continuous operation with fewer loads, saving you money!

Mobility

Our heavy-duty track drive provides you with unsurpassed onsite mobility for quick plant deployment and on-the-go linear processing. Transportable on a low-boy trailer, this plant reduces transportation costs and increases your profits.

FT4240 Impact



APPLICATION

1. The grizzly feeder can be fed from either side by loader or excavator. Oversized material continues on into the 4240 Impact Crusher while the undersize material from the grizzly is delivered away for further processing by the under crusher conveyor. Reduction rates range from 12:1 up to 18:1.
2. By utilizing an optional under feeder conveyor, undersized material from the feeder can be transferred out and away from the plant to be windrowed or stockpiled.
3. In an open circuit configuration, the under crusher conveyor delivers processed material away from the crusher to be windrowed or stockpiled. In a closed configuration, the material is delivered to the 4 ft. x 12 ft. double deck screen for further resizing.
4. The optional magnet assembly separates ferrous contamination from the material processed by the feeder and crusher. The ferrous materials are then transferred out to the side and away from the plant by means of a self-cleaning conveyor.
5. In a closed circuit configuration, the remaining oversized material can be transferred from the screen back to the impact crusher feed opening for further reduction by means of a closed circuit conveyor system or the bottom deck overs conveyor can be reversed so "sized" material can be removed as a product to be stockpiled.
6. Remaining materials from the screen are then transferred away from the plant by means of an under screen conveyor to be windrowed or stockpiled.

General guidelines shown, consult your dealer for specific applications.

SPECIFICATIONS

DIMENSIONS:

- Overall Length with Screen: 66 ft. 3 in.
- Overall Length without Screen: 53 ft. 3 in.
- Overall Transport Width: 11 ft. 1 in.
- Overall Operating Width with Opt. Side Delivery Conveyor: 14 ft.
- Overall Transport Height: 11 ft. 5 in.
- Overall Operating Height: 13 ft. 8 in.
- Weight: 99,000 lb.
- Engine: 340 HP Diesel, EPA Tier II Compliant
- Feeder Size: 40 in. x 14 ft. w/ 4 ft. Grizzly
- Impact Size: 42 in. Diameter x 40 in.
- Load Height with Extensions: 13 ft. 1 in.
- Load Height without Extensions: 11 ft. 5 in.
- Under Crusher Conveyor Height: 9 ft. 10 in.
- Under Crusher Conveyor Width: 36 in.
- Opt. Under Feeder Conveyor Height: 3 ft. 5 in.
- Opt. Under Feeder Conveyor Width: 24 in.
- Opt. Under Feeder Conveyor Length: 11 ft.

CAPACITIES:

- Fuel Reservoir: 150 gal. / 10 hr. cap.
- Hydraulic Oil Reservoir: 165 gal. / Direct Drive
- Hydraulic Oil Reservoir: 200 gal. / Hydrostatic Drive

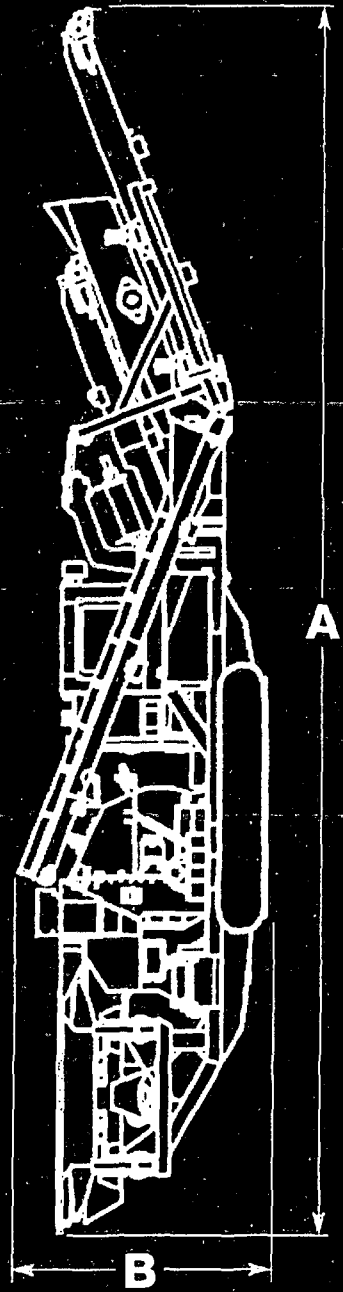
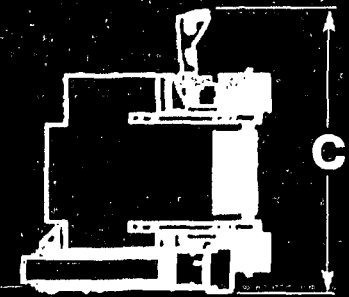
OPTIONAL EQUIPMENT:

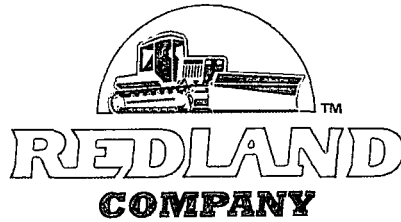
- 300 HP Caterpillar C11 Diesel Engine
- Under Feeder Conveyor System
- Cross Belt Magnet System
- Hydraulic Hopper Wall Extensions
- Hydrostatic Drive with Three-Bar Rotor

FT4240CC

FAST TRAX

DIMENSIONS		
DIMENSIONS	Transport	Operating
A (Overall Length)	66 ft 3 in (20.020 m)	66 ft 3 in (20.020 m)
B (Overall Height)	11 ft 5 in (3.480 m)	13 ft 8 in (4.267 m)
C (Overall Width)	9 ft 10 in (2997 mm)	13 ft 2 in (4.013 m)
WEIGHT	92,500 lbs (41957 kg)	
FEEDER		
Size	40 in x 14 ft (1016 mm x 4.267 m)	
Type	4 ft (1,219 mm) Straight Grizzly	
Grizzly Bars	2 1/2 in (622 mm)	
Hopper Volume w/o Ext.	5 1/4 cu/yds (4 1/10 cu/m)	
Hopper Volume w Ext.	N/A	
CRUSHER		
Type	HSI	
Feed Opening	36 in x 40 in (914 mm x 1016 mm)	
Drive	Direct Mechanical	
SCREEN		
Size	4 ft x 12 ft (1219 mm x 3.658 m)	
Number of Decks	2	
UNDER SCREEN CONVEYOR		
Length	22 ft 0 in (6.710 m)	
Width	36 in (914 mm)	
Discharge Height	10 ft 0 in (3.048 m)	
Drive	Hydraulic	
CLOSED CIRCUIT CONVEYOR		
Length	27 ft 0 in (8.230 m)	
Width	18 in (457 mm)	
Drive	Hydraulic	
UNDER CRUSHER CONVEYOR		
Length	40 ft 0 in (12.190 m)	
Width	36 in (914 mm)	
Discharge Height	10 ft 0 in (3.048 m)	
Drive	Hydraulic	
TRACKS		
Length	14 ft 10 in (4.521 m)	
Shoe Width	20 in (508 mm)	
ENGINE		
Type	Diesel, Tier III	
Manufacturer	Cummins	
Rating	340 hp (254 kw)	
Fuel Capacity	150 gal (568 l)	
HYDRAULIC		
Oil Capacity (Direct Drive)	165 gal (625 l)	
(Hydraulic Drive)	200 gal (757 l)	
PERFORMANCE		
Maximum Feed Size	21 in (533 mm)	
Capacity up to	325 tph (295 mtph)	
Maximum Operating Slope		
Side-to-Side	1% grade	
Front-to-Back	3% grade	
Fuel Consumption	8 1/2 gal/hr (32 l/hr)	





2272

May 12, 2009

FDEP RECEIPTS

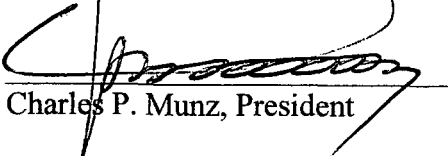
3800 Commonwealth Blvd.
MS-77
Tallahassee, Florida 32399

RE: Nonmetallic Mineral Processing Plants (Crushers)
Air General Permit Registration Form

To Whom it May Concern:

Enclosed please find the application for the above mentioned, along with the \$100.00 Registration Fee. If you have any questions, or need further information, please contact me at (305) 247-3226.

Sincerely,
THE REDLAND COMPANY, INC.



Charles P. Munz, President

Enclosures

REC'D
MAY 13 2009
FDEP