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DIVISION OF AIR RESOURCE MANAGEMENT

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

Facility Identification Number - If known (seven digit number)

0710256

0710256-002

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).
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):

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.)
Hanson Hardscape Products, LLC.

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.)
Hanson Hardscape Products - Lehigh Acres

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

Street Address: 421 Leonard Boulevard North

City: Lehigh Acres

County: Lee

Zip Code: 33971

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

N/A

**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: Chris Lawhon, Plant Manager

Facility Contact Telephone Numbers

Telephone: 239-931-7663

Fax: 239-931-4889

Cell phone: 239-872-4114

E-mail: chris.lawhon@hanson.com

Facility Contact Mailing Address

Organization/Firm: Hanson Hardscape Products, LLC.

Mailing Address: 421 Leonard Boulevard North

City: Lehigh Acres

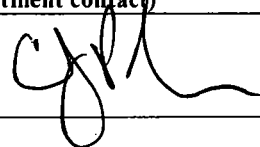
County: Lee

Zip Code: 33971-6302

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

Name and Position Title

Print Name and Title: Charles Piwowarski, Area Environmental Manager



Correspondence Contact/Representative Telephone Numbers

Telephone: 386-734-6228

Fax: 386-738-7018

Cell phone: 407-408-5917

E-mail: charles.piwowarski@hanson.com

Correspondence Contact/Representative Mailing Address

Organization/Firm: Lehigh Hanson

Mailing Address: 840 West Avenue

City: DeLand

County: Volusia

Zip Code: 32720

**Government Facility Code (check only one)**

- Facility not owned or operated by a federal, state, or local government.
- Facility owned or operated by the federal government.
- Facility owned or operated by the state.
- Facility owned or operated by the county.
- Facility owned or operated by the municipality.
- Facility owned or operated by a water management district.

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**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)**
Screener	Argus Industrial	3/9/2007	EZ Screen 1200	CXL2194	10 hp	No

\*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

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### Description of Facility

Below, or as an attachment to this worksheet, provide a description of the nonmetallic mineral processing plant 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 material(s) processed, all air pollutant-emitting processes, and identify any air pollution control measures used. Mobile source equipment information is not needed (eg.: trucks, bulldozers, front-end loaders, etc.)

This is an application to operate an EZ Screen 1200XL at the Hanson Hardscape Products, LLC. Haines City Facility, the screen will be permanently located at the Haines City Facility.

The EZ Screen 1200 XL has a 5' by 6' wide double deck screen box with end tensioned screens, utilizing a 10 hp Yanmar air cooled diesel engine. The hydraulically driven 24" wide conveyor has an 8'11" dump height. The EZ Screen XL has the capacity to screen 600 tons per day.

The EZ Screen XL will be operated in a stand-alone configuration to screen production waste to be recycled as aggregate, and in conjunction with a relocatable Rubble Master RM70 Crusher processing production waste to be recycled as aggregate.

### 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).

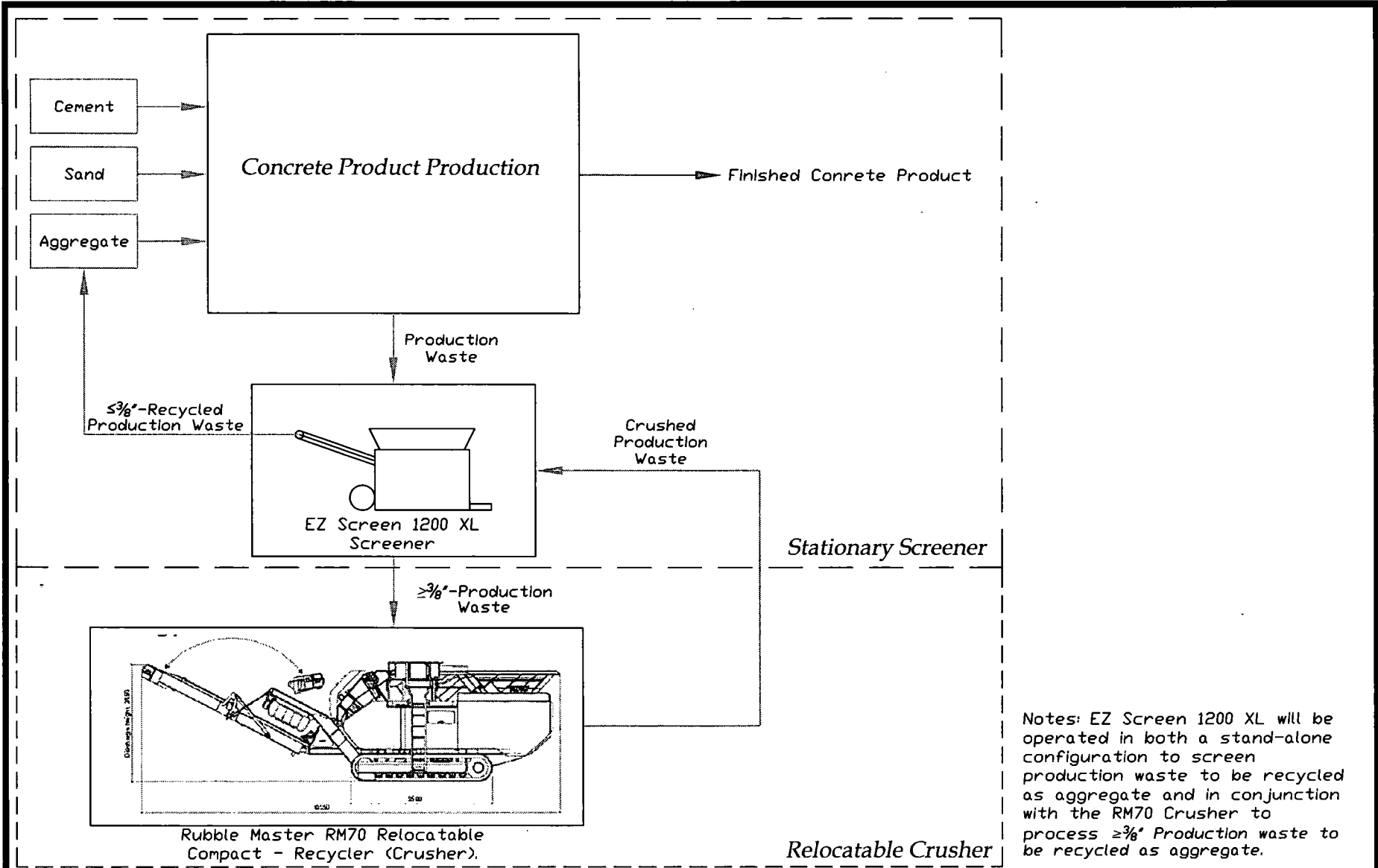
**"Relocatable Facility"** - A facility such as, but not limited to, an asphalt plant, portable power generator, or relocatable nonmetallic mineral processing plant, which is designed to be physically moved to, and operated on, different sites by being wholly or partially dismantled and re-erected in 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 static (non-moving) grizzlies used anywhere in the nonmetallic mineral processing plant are not considered to be screening operations.

**"Size"** – Per 40 CFR 60.671, the rated capacity in tons per hour of a crusher, grinding mill, bucket elevator, bagging operation, or enclosed truck or railcar loading station; the total surface area of the top screen of a screening operation; the width of a conveyor belt; and the rated capacity in tons of a storage bin.

**"Unconfined Emissions"** - Emissions which escape and become airborne from unenclosed operations or which are emitted into the atmosphere without being conducted through a stack.

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Notes: EZ Screen 1200 XL will be operated in both a stand-alone configuration to screen production waste to be recycled as aggregate and in conjunction with the RM70 Crusher to process  $\ge 3/8''$  Production waste to be recycled as aggregate.

**Hanson**

Hanson Building Products America  
1980 Marley Drive  
Haines City, FL 33844  
(863) 421-7422; (863) 421-7433 (fax)

**EZ Screen 1200 XL & RM 70 Compact Recycler**  
*Process Flow Diagram*  
**Hanson Paver Products, Inc.**

THIS DRAWING WAS  
PREPARED FOR THE FDEP  
NONMETALLIC MINERAL  
PROCESSING PLANT  
(CRUSHERS) AIR GENERAL  
PERMIT REGISTRATION FORM

DIVISION: HANSON PAVER

DRAWN: GP

APPROVED: GP

DATE: 04/12/07

SCALE: N.T.S.

## - FEATURES -

- Loading bucket size range: ½ to 1¾ yards with a 8' feed height
- Air-cooled diesel, 10-HP with low oil and high temperature shut down.
- An hour meter and electric starting system is standard
- Exide "Spiral Wound" battery for long life in a vibratory environment
- Dual stage air filter system
- Fully enclosed, lockable engine compartment and starter panel
- Patented non-hydraulic screen drive
- Hydraulically driven 24" wide vulcanized "Endless" conveyor with 8' dump height
- Hydraulic drive components are by Eaton and Char-Lynn
- Conveyor components are U.S. made CEMA "B" grade
- All EZ-Screen surfaces are a baked powder coat finish
- Custom made sealed wiring harness with lights for street legal towing
- Tow hitch has safety chains, automatic safety break-away controller with battery
- Hydraulic raising and lowering tongue with 3" pintle eye/lunette ring
- 7,000 lb. capacity E-Z lube axle on rear with hydraulic activated rear pivoting assembly
- Electric brakes, 235/85R16 Load range "E" 10 ply trailer tires plus detachable mud-flaps.

\*To insure safe towing, always be certain that the tow vehicle is properly equipped.

### ARGUS INDUSTRIAL CO.

18 W. Huron • Pontiac, MI 48342

(248) 745-5828 Fax (248) 745-5825

[ez-screen.com](http://ez-screen.com)



**THE EZ WAY TO  
DOUBLE PRODUCTION...**

**WITHOUT ADDING  
ANOTHER LOADER!**



Ordinary box screeners can't work as hard as the **EZ Screen 1200**, unless they're teamed with two loaders. The secret's the **EZ Screen 1200's** built-in conveyor system.

With a typical box screener, the loader operator has two jobs. Job one is keeping the screener filled with material. Job two is using the loader to scoop fines out of the machine and move them to the stockpile.

With the **EZ Screen 1200** on the site, the loader operator has just one job: loading the screener. The other job, moving fines, is handled by the 24"- wide conveyor that's able to stockpile material 8' high or into a truck.

New screener math: productivity is doubled. In fact, yield is now dependent only on the efficiency of the loading operation. No more wasted time running the screener without material, thereby maximizing production.

Increased efficiency is only half the productivity equation. The other half is dependability. Which is why the **EZ Screen 1200** is built with the highest-quality components. Like its never-say-die, air-cooled diesel engine. It sips fuel, so it'll run long and hard without refueling.

The **EZ Screen 1200**. The **EZ way** to double your production.

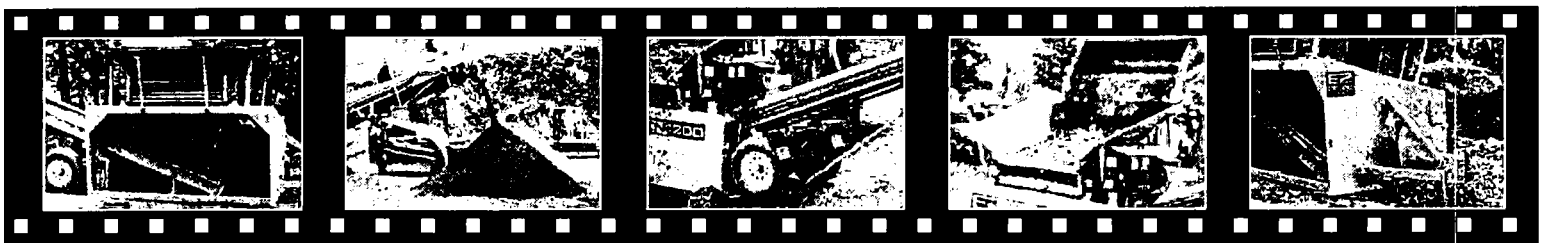
Is the **EZ Screen 1200** right for your applications? Ask us, it's all part of our total commitment to customer service.

- Weight - 7940 lbs.
- Tongue weight - 1630 lbs.
- Overall length - 29'
- Overall width - 5'-7"
- Overall height - 9'-1"

The **EZ Screen 1200** is a product of Argus Industrial Co., manufacturer of the EZ Screen range of screening plants – all offering innovation, productivity, versatility and value through patented designs, exclusive features, quality manufacturing and outstanding customer service.

Argus Industrial Co., L.L.C. has a policy of continuous product improvements and reserves the right to change specifications, designs or prices anytime without notice or the incurring of any obligations.

**ARGUS INDUSTRIAL CO.** 18 W. Huron, Pontiac, MI 48342 (248) 745-5828 Fax: (248) 745-5825 [ez-screen.com](http://ez-screen.com)



0710256

**Lehigh Hanson**  
HEIDELBERGCEMENT Group

Lehigh Hanson  
840 West Avenue  
DeLand, Florida 32724  
(386) 734-6228  
(386) 740-0556

April 25, 2012

**FedEx Tracking Number: 798326651677**

FDEP Receipts  
3800 Commonwealth Blvd.  
MS 77  
Tallahassee, FL 32399

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**RE: Hanson Hardscape Products, LLC. – Lehigh Acres  
Air General Permit Registration: ARMS ID: 0710256**

To whom it may concern:

Hanson Hardscape Products, LLC. (Hanson) is submitting this Nonmetallic Mineral Processing Plants air general permit registration for re-registration of the above referenced facility.

**Hanson has enclosed the NONMETALLIC MINERAL PROCESSING PLANT (CRUSHER)  
AIR GENERAL PERMIT EXAMPLE REGISTRATION WORKSHEET for the re-registration of this  
existing facility and has enclosed the required \$100 air general permit registration processing fee  
per Rule 62-4.050(4)(p)(2), F.A.C. for the facility.**

**ARMS ID: 0710256 Check Number: 401486692**

If you have any questions or comments, please do not hesitate to contact me at (386) 734-6228.

Sincerely,

Lehigh Hanson  
Environmental, Safety and Health

  
Charles J. Piwowarski  
Environmental Manager

Attachments: Nonmetallic Mineral Processing Plant AGP Example Registration Worksheet and Check

cc: Scott Simpson, HHP  
Paul Carpenter, HHP

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**NONMETALLIC MINERAL PROCESSING PLANTS  
(CRUSHERS)**

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**Air General Permit Example Registration Worksheet**

The Department of Environmental Protection ("Department" or "DEP") has established an "air general permit" at Florida Administrative Code ("F.A.C.") Rule 62-210.310(5)(e) for nonmetallic mineral processing plants. An air general permit is an authorization by rule to construct or operate a specific type of air pollutant emitting facility. Use of such authorization by any individual facility does not require action by the Department. The terms and conditions of the air general permit are set forth in the rule, rather than in a separately issued air construction or air operation permit.

If you are the owner or operator of an eligible facility comprising one or more nonmetallic mineral processing plants, you may register to use the air general permit at Rule 62-210.310(5)(e), F.A.C., by following the general procedures given at subsections 62-210.310(2) and 62-210.310 (3), F.A.C. To register, use the Department's electronic registration system (currently under development) or submit all the information specified in the above rules to either of the following addresses, along with the air general permit registration processing fee (\$100.00), payable to FDEP.

**Regular USPS Mail Delivery**

Department of Environmental Protection  
Receipts  
Post Office Box 3070  
Tallahassee, Florida 32315-3070

or

**Overnight Delivery (FedEx, UPS, DHL, etc.)**

Department of Environmental Protection  
3800 Commonwealth Blvd.  
Mail Station 77  
Tallahassee, Florida 32399

If you properly register to use an air general permit, and are not denied use of the air general permit by the Department, you are authorized to construct and operate the facility in accordance with the general terms and conditions of Rule 62-210.310, F.A.C., and the specific terms and conditions of Rule 62-210.310(5)(e), F.A.C. Your facility may vary, so be sure your registration describes the operations at your facility in sufficient detail to demonstrate the facility's eligibility for use of the air general permit and to provide a basis for tracking any future equipment or process changes. Your registration should describe all air pollutant-emitting processes and equipment at the facility, and it should identify any air pollution control measures or equipment used.

The rules do not require any specific format for the registration. This worksheet, however, has been designed to assist owners and operators. Using it as a template for a general permit registration will help ensure that all necessary information is submitted.

Additional information can be found on the Department's air general permit program website ([http://www.floridadep.org/air/emission/air\\_gp.htm](http://www.floridadep.org/air/emission/air_gp.htm)) or by calling the Small Business Environmental Assistance Program Hotline at 1-800-SBAP-HLP (1-800-722-7457).

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