497495 JUN15 2009

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)*

7775596-001

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.)
APAC - Southeast, 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.)
Fort Myers Shop

Facility Location (Provide the physical location of the facility, not necessarily the mailing address.)
Street Address:14299 Alico Road
City:Forth Myers County:Lee Zip Code:33913

Facility Start-Up Date (Estimated start-up date of proposed **new** facility.)(N/A for existing facility)
Within 30 days of application submittal

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: John H. Skidmore, Division President

Owner/Authorized Representative Mailing Address
Organization/Firm:APAC - Southeast, Inc., Central Florida Division
Street Address:4636 Scarborough Drive
City:Lutz County:Pasco Zip Code:33559

Owner/Authorized Representative Telephone Numbers
Telephone:813.973.2888 Fax:813.907.0578
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:Charles F. Potts, Jr., Southern Florida Operations, Ft. Myers Area Manager

Facility Contact Mailing Address
Organization/Firm:APAC - Southeast, Inc., Central Florida Division, Southern Florida Operations
Street Address:14299 Alico Road
City:Fort Myers County:Lee Zip Code:33913

Facility Contact Telephone Numbers
Telephone:239.267.7767 Fax:239.267.1336
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 06-11-2009
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.

Water will be applied to the crusher and transfer points, as necessary, for dust suppression. Equipment operator will be responsible for the immediate area surrounding the portable crusher.

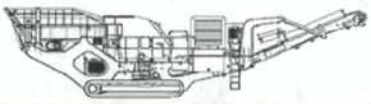
Description of Facility

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.

This application to operate a relocatable non metallic mineral crusher manufactured by BL Pegson August 2006. It is a Model 1412 TRAKPACTOR, SN 140155DC. The crusher is powered by a CAT C-13, 438HP engine at 2100 RPM. The belt is 37' long and 3'11" wide with a discharge height of 12'11". The design capacity is <300 TPH crushing nonmetalic mineral to 1.5"-3.0" minus . There are three spray bars on the crusher. One located at the in-feed to the crusher, the second bar is located at the out-put and the third is located at the end of the product discharge conveyor. Each bar is 48" long.

TEREX | PEGSON

1412 TRAKPACTOR SPECIFICATION



Above photograph features a 1412 Trakpactor fitted the with optional side conveyor and magnet.

IMPACT CRUSHER

Crusher type:	Hazemag AP-PH 1214/Q.
Rotor Width:	53".
Rotor Diameter:	47". (Over blowbars)
Feed opening:	32" x 53".
Crusher frame:	Fabricated in ¾" thick steel plate. Lined with ¾" thick "Hardox 400" interchangeable bolt on wear plates.
Rotor:	Runs in rugged spherical self aligning roller bearings and is fitted with four reversible and replaceable fixed blow bars.
Blowbars:	Two full size and two half size Martensitic steel blow bars are fitted as standard. Retractable vertically or horizontally.
Impact aprons:	Two Manganese impact aprons locked in place hydraulically. Hydraulic overload protection system for both impact aprons.
Drive:	Through wedge belts with screw tension adjustment on engine.
Maximum feed size:	0-24" x 19½" x 19½" or slabs 47" x 39-3/8" x 10" edge length.
Impactor speeds:	34 to 44 Metres per second. (Rotor tip speed) Different speed achieved by adjusting engine speed on throttle.
Adjustment:	Hydraulic assist with manually adjusted proximity switches.
Hydraulic Overload Protection:	On overload, impact aprons retreat, then automatically return to pre-set position.
Maintenance:	Hydraulic case opening
Inlet plate:	Hydraulically raising crusher inlet plate.

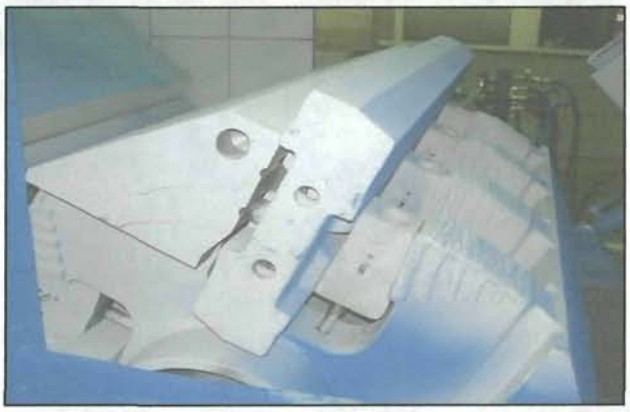
APPLICATIONS

This plant is designed for both demolition and quarrying applications. When fitted with manganese blow bars the crusher will tolerate small quantities of steel reinforcing bar in the feed. However, the machine is not designed to accept large pieces of steel or other uncrushable objects, and the feed material should be assessed / inspected for suitability prior to use. It is vitally important that large pieces of steel or similar uncrushable objects are not allowed to enter the crushing chamber as severe damage and injury may occur. When High Chrome bars are fitted, no steel should be allowed to enter the chamber, the machine should only be used on quarry applications, or clean materials such as asphalt.

1412 TRAKPACTOR SPECIFICATION

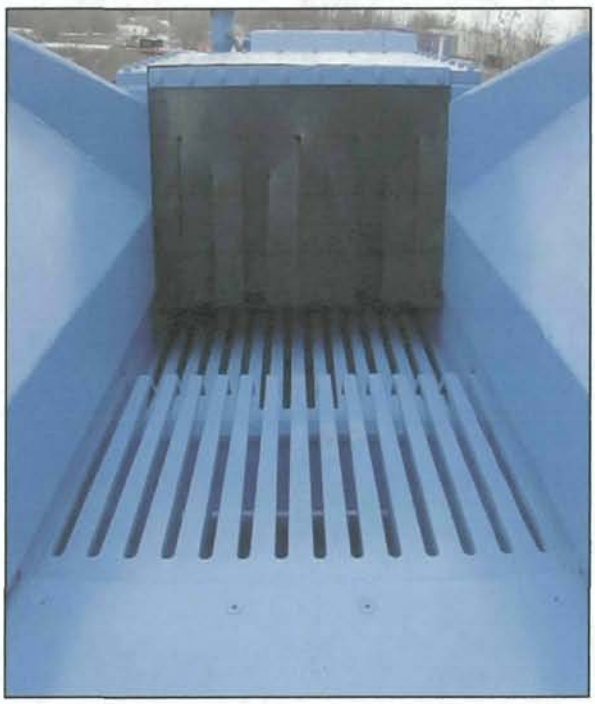
IMPACT CRUSHER - INTERNAL



VIBRATING GRIZZLY FEEDER

Type:	Spring mounted vibrating.
Vibrating unit:	Twin heavy-duty cast eccentric shafts running in spherical roller bearings. Gears coupled at drive end.
Length:	14'0".
Width:	4'6".
Pan:	½" thick abrasion resistant steel bottom plate is included in the welded construction.
Drive:	Flange mounted hydraulic motor.
Grizzly:	6'7" long double section of welded tapered finger bars at 2" spaces fabricated in ½" thick abrasion resistant steel.
Underscreen:	Removable rubber blanking mat fitted as standard. This can be substituted for various aperture wire meshes (available as optional extras) when used in conjunction with the optional side dirt conveyor.
Control:	Variable speed control through a proportional flow control valve.



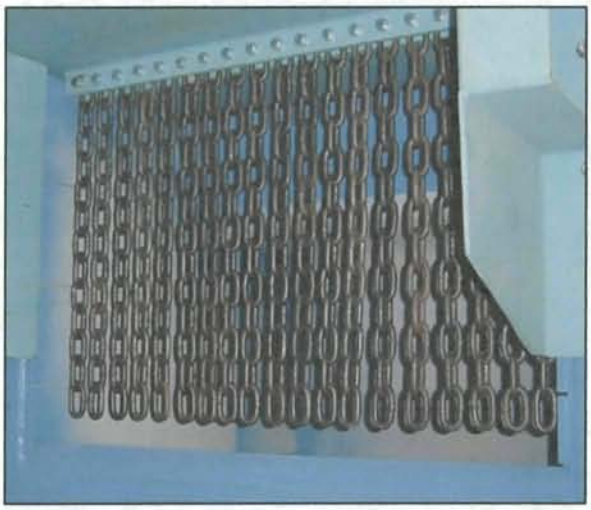
1412 TRAKPACTOR SPECIFICATION

HOPPER

Hopper type:	Hydraulic folding hopper with over centre struts and wedgelock system.
Hopper length:	14'5¼".
Hopper width:	8'11-11/16".
Hopper capacity:	Up to 8.6yd^3 dependent upon method of feed.
Hopper body:	Hardox wear resistant steel plate, suitably braced.

PLANT CHUTEWORK

Impactor feed chute:	Fabricated in 3/8" mild steel plate with fully width single strand chain curtain and rubber curtain. Liners fitted at wear points.
Grizzly fines/ bypass Chute:	Fabricated in ¼" mild steel plates with two way flap door. Material passing over the blanking mat is discharged to the main product or the dirt chute via the bypass chute.



TRACK DRIVE

Type:	Heavy duty tracks fitted as standard.
Pitch:	9½".
Longitudinal centres:	12'6".
Track width:	1'4".
Climbing grade:	28° maximum.
Track speed:	0.8 Km/h.
Drive:	Hydraulic integral motor.
Control:	Remote handset - dual speed.
Track tensioning:	Hydraulic adjuster, grease tensioning.

1412 TRAKPACTOR SPECIFICATION

ON PLANT PRODUCT CONVEYOR

Conveyor Type:	Shallow troughed belt conveyor.
Design:	Fully removable modular unit to aid access and maintenance. Conveyor is designed to lower for transport and the removal of trapped material. The conveyor can be lowered and raised whilst crushing.
Belt Type:	Ripstop EP500/3 with 5/16" top and 1/16" bottom rubber covers.
Belt width:	3'11".
Max Disc Height:	12'11"
Maximum Clearance:	2'9"when belt lowered.
Drive:	Twin direct drive hydraulic motors.
Feedboot:	Fabricated in mild steel plate with abrasion resistant steel liners.
Skirting:	Fully skirted wear resistant rubber sealing along the conveyor length.
Impact cradle:	This is provided beneath the belt immediately below the impactor outlet.
Belt adjustment:	Belt tensioning is by use of screw adjustment at the head end
Lubrication:	Remote greasing to head/tail drum bearing blocks.





Above photographs feature a 1412 Trakpactor fitted with the optional magnet.

1412 TRAKPACTOR SPECIFICATION

POWERPACK

Powerpack type:	Caterpillar C-13 Tier III ACERT
Power:	327kW (438 Hp) at 2100 rpm. Constant power from 1800 – 2100 rpm.
Engine speed:	The engine speed can be adjusted from 1800-2100rpm, thus eliminating the need for pulley changes.
Engine:	Six cylinder, four stroke, direct injection.
Fuel tank capacity:	157 Gallons.

CLUTCH

Clutch type:	21" KPTO fully automatic clutch.

GUARDS

Wire mesh or sheet metal guards are provided for all drives, flywheels, pulleys & couplings.

The guards provided are designed and manufactured to CE & ANSI standards.

PLATFORMS

A steel grid maintenance platform is provided on one side of the feeder and impactor fitted with double row handrails and access ladders. Platforms are also included to gain access to the rear of the crusher and the powerpack.

TOOLBOX

A plant mounted lockable toolbox is provided containing the grease gun and operators manual.

1412 TRAKPACTOR SPECIFICATION

CHASSIS

Heavy duty steel fabricated I section of welded construction.

DUST SUPPRESSION SPRAYS

Sprays bars with atomiser nozzles are mounted over the impactor discharge point and the product conveyor head piped to an inlet manifold for client's pressured water supply.

Type:	Clean water multi atomising nozzles.
Inlet:	Single point.
Pressure required:	2.8 bar (42 psi).
Water supply:	1.2 gallons per minute.
Frost Protection:	Via system drain valves.
Pump:	Optional extra.

PLC CONTROLS

A CAN-bus PLC control system is fitted onto the plant to control operation the following items:-

- Plant set-up.
- Impactor maintenance.
- Feeder (Start/Stop/Speed).
- Optional Dirt conveyor (Start/Stop/Raise/Lower).
- Product conveyor (Start/Stop/Raise/Lower).
- Engine power/temperature control.
- Crusher impact apron adjustment.

UMBILICAL CONTROL

An umbilical control unit is also supplied with the plant. This is fitted with controls for the track motion, feeder stop, start and a stop button for the plant.

1412 TRAKPACTOR SPECIFICATION

OPTIONAL EXTRAS

(For prices refer to BL-Pegson Limited)

- Re-Fuelling pump kit.
- Optional hydraulic folding hopper for shovel feed from rear 13'6" wide.
- Single idler belt weigher with integrator and speed sensing wheel fitted to the main product conveyor.
- Overband magnetic separator
- Side/dirt conveyor.
- Wire meshes for feeder underscreen to separate scalpings at 3/8", ¾", 1-3/16", 1½" or 2". Can only be used with optional dirt conveyor in situ.
- Radio remote control
- High Manganese blow bars.
- High Chrome blow bars (only for use when no steel is in the feed)
- Four full size blow bars in lieu of two full and two half.

RECOMMENDED OPTIONAL EXTRAS

- Hydraulic driven water pump assembly to provide a pressurised water supply to the dust suppression sprays.
- Engine fire extinguisher system

REMOTE CONTROL (OPTIONAL EXTRA)

This remote radio control can be provided for the operating the tracking function and uses proportional joysticks for precise control. There are also facilities to start and stop the grizzly feeder, momentarily raise the impact-crusher inlet plate and shutdown the plant.**This facility is only available in certain countries where type approval has been obtained.** For a full list of countries please consult with BLP or your dealer.

MAGNET (OPTIONAL EXTRA)

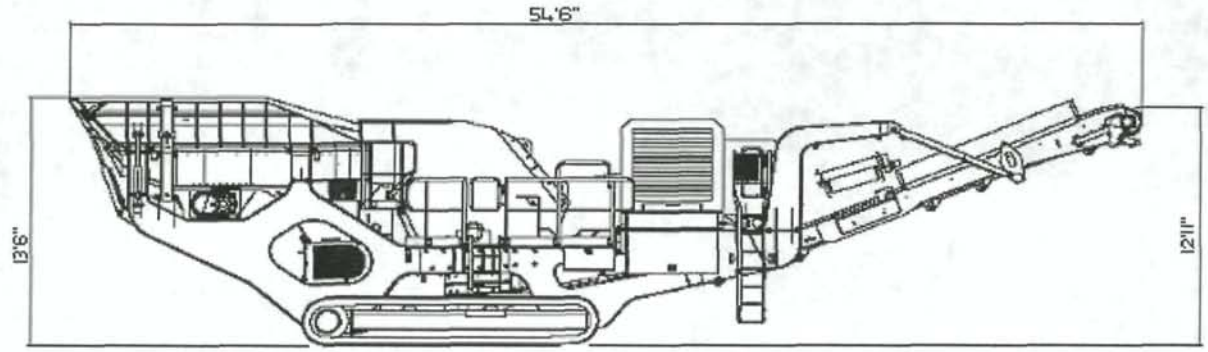
Magnet Type:	Eriez CP20/125 suspended self cleaning overband.
Magnet length:	8'10-3/8".
Drive:	Direct drive hydraulic motor.
Control:	Pre-set variable speed.
Discharge chute:	Via stainless steel shredder plate.
Power:	570 Gauss at 7-7/8". 450 Gauss at 9-7/8".

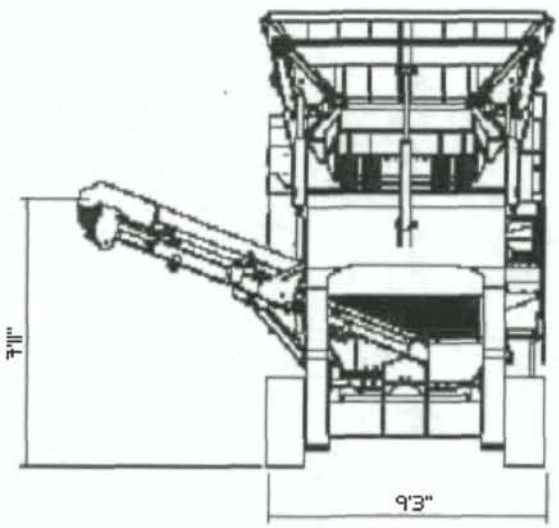
1412 TRAKPACTOR SPECIFICATION

ON PLANT DIRT/SIDE CONVEYOR (OPTIONAL EXTRA)

Conveyor type:	Troughed belt, hydraulically folding for transport.
Belt Type:	EP500/3 with ¼" top and 1/16" bottom heavy duty rubber covers.
Length:	13'1" (head to tail drum centres).
Width:	2'0".
Discharge height:	8'0".
Drive:	Direct drive hydraulic motor.
Lubrication:	Remote greasing to tail drum bearings.
Skirts:	Full length.
Position:	Mounted to discharge on drive side of plant only.

PLANT DIAGRAM





APPROXIMATE OVERALL PLANT WEIGHTS & DIMENSIONS

Operating Length:	**54'6".**
Operating Width:	**9'2".**
Operating Height:	**13'6".**
Transport Length:	**55'5".**
Transport Width:	**9'2".**
Transport Height:	**12'4".**
Total plant weight:	**53 Tons**

PAINTING

The plant is finish painted RAL 5015 Blue. The tracks and handrails are painted RAL 7012 Grey.

General

TEREX | Pegson equipment complies with CE requirements.

Above line drawings feature a 1412 Trakpactor with optional magnet and side conveyor.

Please consult TEREX | Pegson if you have any other specific requirements in respect of guarding, noise or vibration levels, dust emissions, or any other factors relevant to health and safety measures or environmental protection needs. However, on receipt of specific requests we will endeavour to ascertain the need for additional equipment and, if appropriate, quote extra to contract prices. Every endeavour will be made to supply equipment as specified, but we reserve the right, where necessary, to amend the specifications without prior notice as we operate a policy of continual product development. It is the importers responsibility to check that all equipment supplied complies with local legislation.

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UNITED STATES POSTAGE PITNEY BOWES

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0002373854 JUN 11 2009

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Florida Dept. of Environmental Protection
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Tallahassee, FL. 32315-3070