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CONCRETE BATCHING PLANTS  
AIR GENERAL PERMIT EXAMPLE REGISTRATION WORKSHEET DIVISION OF AIR  
RESOURCE MANAGEMENT

Facility Identification Number - If known (seven digit number)

0210007

0210007-007

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). 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. (See "Surrender of Existing Air Operation Permit(s)" below.)
- 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.)

Preferred Materials, 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 complete registration must be submitted for each.)

Shirley Street Ready Mix Plant

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

Street Address: 6300 Shirley Street

City: Naples

County: Collier

Zip Code: 34109

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

N/A

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**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: Darryl Fales, President (Authorized Representative)

Facility Contact Telephone Numbers

Telephone: 239-992-1400

Fax: 239-229-6750

Cell phone: \_\_\_\_\_

E-mail: Darryl.Fales@preferredmaterials.com

Facility Contact Mailing Address

Organization/Firm: Preferred Materials, Inc.

Mailing Address: 25061 Old US 41 South

City: Bonita Springs

County: Lee

Zip Code: 34135

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

Name and Position Title

Print Name and Title: John Rauschenbach, Regional Operations Manager

Correspondence Contact/Representative Telephone Numbers

Telephone: 239-992-1400

Fax: 239-495-7527

Cell phone: \_\_\_\_\_

E-mail: jrauschenbach@preferredmaterials.com

Correspondence Contact/Representative Mailing Address

Organization/Firm: Preferred Materials, Inc.

Mailing Address: 25061 Old US 41 South

City: Bonita Springs

County: Lee

Zip Code: 34135

**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 Reasonable Precautions Used to Prevent Unconfined Emissions**

Check all precautions to be used for the management of roads, parking areas, stock piles and yards:

**Pave Roads**                       **Pave Parking Areas**                       **Pave Yards**  
 **Maintain Roads/Parking/Yards**                       **Use Water Application**                       **Use Dust Suppressant**  
 **Remove Particulate Matter**                       **Reduce Stock Pile Height**                       **Install Wind Breaks**

Check all precautions to be used for the management of drop points to trucks:

**Spray Bar**                       **Chute**                       **Enclosure**  
 **Partial enclosure**

**Equipment Details** Provide information for each silo, weigh hopper (batcher), and other enclosed storage and conveying equipment that are limited to a visible emissions of 5 percent opacity pursuant to Rule 62-296.414(1), F.A.C.

PROCESS EQUIPMENT TYPE (silo, weigh hopper, batcher, etc.)	PROCESS EQUIPMENT IDENTIFICATION*	CONTROL DEVICE (baghouse, vent filter, etc.)	CONTROL DEVICE MANUFACTURER	CONTROL DEVICE MODEL NUMBER
Split Cement Silo	Compartment #1 (60% Split)	Baghouse	WAM	Silotop RO1
Split Cement Silo	Compartment #2 (40% Split)	Baghouse	WAM	Silotop RO1
Flyash Silo		Baghouse	WAM	Silotop RO3
Weigh Hopper		Baghouse	Stephens	SV 20

\* If there are multiple pieces of the same types of process equipment (more than one silo, etc), provide an identifier (location, numeric designation, capacity or product) specific to each piece of equipment.

**Description of Facility**

Below, or as an attachment to this form, provide a description of the concrete batching 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 type of concrete products manufactured, 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.)

The facility consists of an office, parking area, aggregate storage areas, batch plant, storage silos, aggregate material conveying equipment and concrete mixing trucks.

The plant is replacing the cement silo with a new split cement silo. Each compartment of the silo is equipped with a WAM Silotop RO1 filter.

Emissions from the flyash silo are controlled by a WAM Silotop RO3 filter.

Truck load out emissions are controlled by a C&W Manufacturing CP-1200 dust collection system.

Emissions from the weigh hopper are controlled by a Stephens SV 20.

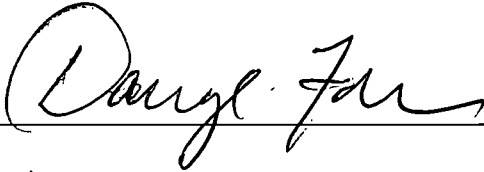
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**Owner/Authorized Representative Statement**

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 revision thereof.*

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



5/14/12

Signature

Date

Darryl Fales, President

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**WAM<sup>®</sup>** Sp.A.

EQUIPMENT FOR HANDLING POWDER  
AND GRANULAR MATERIALS

Via Cavour,338  
I- 41030 Ponte Motta - Cavezzo (MO)  
Tel.0535/618111- Fax0535/618226-  
E-Mail: info@wam.it

**EMISSIONS**  
**REVERSE JET FILTER**

TYPE: **SILOTOP<sup>®</sup>R01**

WAM<sup>®</sup> S.p.A. certify that the filter SILOTOP<sup>®</sup>R01 has been designed for use with cement powder.

The level of dust emissions will not exceed 10 milligrams per cubic metre provided that the filter elements are installed, operated & maintained in accordance with the operating and maintenance instructions (Catalogue N° 03505.02.M), that filtering elements and other components (when replaced) are of WAM<sup>®</sup> manufacture.

Tests have been carried out on the basis of the following parameters:

Test number: 3236  
Dust type: Cement  
Test Points: Dirty air inlet and clean air outlet  
Dust filter type: SILOTOP<sup>®</sup>R01  
Filtering Surface: 24.5 m<sup>2</sup>  
Filtering Media: Polyester Spunbonded 280gr/m<sup>2</sup>

OPERATION TIME (minutes)	DUST CONCENTRATION (mg/Nm <sup>3</sup> )		AIR VOLUME (Nm <sup>3</sup> /h)	TEMP. (°C)
	DIRTY AIR INLET	CLEAN AIR OUTLET		
40	15750	2.65	1190	20

99,99970

Pivetti Fabio  
Filter Product Manager  
WAM S.p.a.

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DEPARTMENT of ENVIRONMENTAL PROTECTION  
BUREAU of NEW SOURCE REVIEW  
CONTROL DATA SHEET  
DUST COLLECTOR

MANUFACTURER AND MODEL WAM SILO TOP ROL

SPECIFY BAGHOUSE  
 CARTRIDGE  
OTHER (explain)

NUMBER OF BAGS OR CARTRIDGES 7  
SIZE OF BAGS OR CARTRIDGES ON PAGE 0501

TOTAL BAG OR CARTRIDGE AREA(ft<sup>2</sup>) 2.64  
MAXIMUM CAPACITY (ACFM) 1500

BAG OR CARTRIDGE FABRIC SPUN BOUND POLYESTER  
FABRIC WEIGHT(oz) 8  
WEAVE 10 MICRON  
FINISH COATED  
MAXIMUM FABRIC TEMPERATURE(°F) 175° F

EFFICENCY(%) 99.9998  
AIR TO CLOTH RATIO 6:1

METHOD OF CLEANING REVERSE AIR  PULSE JET SHAKER

OPERATING PRESSURE DROP(INCHES OF WATER)MIN. 4 MAX 8

PARTICULATE GRAIN LOADING(grain/scf)INLET 30 OUTLET 101 CEMENT

FAN REQUIREMENTS HP SCFM VENTING

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# CONCRETE BATCHING PLANTS

## Air General Permit Example Registration Worksheet

The Department of Environmental Protection has established an "air general permit" at Florida Administrative Code ("F.A.C.") Rule 62-210.310(5)(b) for concrete batching plant. 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 concrete batching plants, you may register to use the air general permit at Rule 62-210.310(5)(b), 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)(b), 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).