

**CAST POLYMER OPERATIONS  
AIR GENERAL PERMIT EXAMPLE REGISTRATION WORKSHEET**

**Facility Identification Number - If known** (seven digit number)

0830116-008-AG

0830116

**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):

0830116-007-AF

**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.)

Southern Marble Manufacturing, 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.)

Southern Marble

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

Street Address: 3621 NW 27th Avenue

City: Ocala

County: Marion

Zip Code: 34475

**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**

<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: <u>Gary Palpant, Owner/President</u>		
<u>Facility Contact Telephone Numbers</u> Telephone: <u>352-867-5000</u> Fax: <u>352-867-1718</u> Cell phone: _____ E-mail: <u>smarblegp@embarqmail.com</u>		
<u>Facility Contact Mailing Address</u> Organization/Firm: <u>Southern Marble Manufacturing, Inc.</u> Mailing Address: <u>3621 NW 27th Avenue</u> City: <u>Ocala</u> County: <u>Marion</u> Zip Code: <u>34475</u>		

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

<u>Name and Position Title</u> Print Name and Title: <u>Connie Palpant, Secretary/Treasurer</u>		
<u>Correspondence Contact/Representative Telephone Numbers</u> Telephone: <u>352-857-5000</u> Fax: <u>352-867-1718</u> Cell phone: _____ E-mail: <u>smarblecp@embarqmail.com</u>		
<u>Correspondence Contact/Representative Mailing Address</u> Organization/Firm: <u>Southern Marble Manufacturing, Inc.</u> Mailing Address: <u>3621 NW 27th Avenue</u> City: <u>Ocala</u> County: <u>Marion</u> Zip Code: <u>34475</u>		

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

<input checked="" type="checkbox"/> Facility not owned or operated by a federal, state, or local government.
<input type="checkbox"/> Facility owned or operated by the federal government.
<input type="checkbox"/> Facility owned or operated by the state.
<input type="checkbox"/> Facility owned or operated by the county.
<input type="checkbox"/> Facility owned or operated by the municipality.
<input type="checkbox"/> Facility owned or operated by a water management district.

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### **Material Usage Rates**

If this is an **initial registration** for a cast polymer operation, provide an estimate, in pounds, of the total quantity of styrene containing materials (resin and gelcoat) expected to be used over a 12-month period. Note: the general permit limits the usage of such material to 284,000 pounds (142 tons) in any consecutive 12-months.

If this is a **re-registration** for a cast polymer operation, provide the highest 12-month total quantity, in pounds, of styrene containing materials (resin and gelcoat) used in the last five years. Indicate the 12-month period over which this usage occurred.

The highest 12-month total quantity of styrene containing materials used in the last 5 years was 144,861 pounds in June 2008. 2010 through present, the average 12-month total quantity has been between 75,000 and 80,000 pounds.

### **Description of Facility**

Below, or as an attachment to this form, provide a description of the cast polymer 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.

The process at this facility is synthetic marble casting which can be considered a semi-closed mold process. The process begins with a mold that is prepared and waxed. The mold is then sprayed with a clear gel coat and then closed. Next pigmented resins and fillers are poured into the mold and it is cured. After curing, the mold is separated and any touch up work such as grinding and polishing is completed.

This facility has a Gruber gel coat spray booth with an RP filtration system, two Gruber baghouse grinding booths and a tunnel oven. The grinding booth has a baghouse filtration system including filter socks, collection barrels, a shaker system and three fluorescent light assemblies. The baghouse has a particulate removal efficiency of 99.9% for >10 microns, 99% for 6-9 microns, and 98.8% for 1-5 microns.

This facility maintains a records keeping spreadsheet which tracks raw material usage and emissions on a monthly, year-to-date and 12-month rolling total basis.

### **Helpful Definitions**

**"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, supervises an emissions unit or facility.

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