Florida Department of
Environmental Protection
Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

Rick Scott
Governor

Jennifer Carroll
Lt. Governor

Herschel T. Vinyard
Jr.
Secretary

Electronically Sent- Received Receipt Requested

FINAL PERMIT

PERMITTEE

Southern Marble Manufacturing, Inc.
3621 N.W. 27th Avenue
Ocala, Florida 34475

Authorized Representative:
Mr. Gary Palpant, Owner/President

Air Permit No. 0830116-007-AF
Permit Expires: 08/02/2017
Site Name : Cultured Marble Facility (Cast Polymer Operations)
Federally Enforceable State Operating Permit (FESOP)
Project Name: Permit Renewal

This is the final air operation permit, which authorizes operation of a cultured marble fixtures manufacturing facility. The manufacturing is conducted at the Southern Marble Manufacturing, Inc., (Standard Industrial Classification No. 3089). The facility is located in Marion County at 3621 N.W. 27th Avenue in Ocala, Florida. The UTM coordinates are Zone 17, 387.5 km East, and 3233.3 km North.

This final permit is organized by the following sections:

Section 1. General Information

Section 2. Administrative Requirements

Section 3. Facility-wide and Emissions Unit Specific Conditions

Section 4. Appendices

Because of the technical nature of the project, the permit contains numerous acronyms and abbreviations, which are defined in Appendix A of Section 4 of this permit.

This air pollution permit is issued under the provisions of: Chapter 403 of the Florida Statutes (F.S.) and Chapters 62-4, 62-204, 62-210, 62-212, 62-296 and 62-297 of the Florida Administrative Code (F.A.C.). The permittee is authorized to conduct the proposed work in accordance with the conditions of this permit.

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative proceeding (hearing) under sections 120.569 and 120.57 of the Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. Petitions filed by the permit

applicant or any of the parties listed below must be filed within fourteen days of receipt of this notice of final permit. Petitions filed by any persons other than those entitled to written notice under section 120.60(3) of the Florida Statutes must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of final permit, whichever occurs first. Under section 120.60(3), however, any person who asked the Department for notice of agency action may file a petition within fourteen days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under sections 120.569 and 120.57 F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with rule 28-106.205 of the Florida Administrative Code.

All petitions filed under these rules shall contain:

(a) The name and address of each agency affected and each agency's file or identification number, if known;
(b) The name, address, and telephone number of the petitioner; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination;
(c) A statement of when and how the petitioner received notice of the agency decision;
(d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
(e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action;
(f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action, including an explanation of how the alleged facts relate to the specific rules or statutes; and
(g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the agency to take with respect to the agency's proposed action.

A petition that does not dispute the material facts upon which the Department's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by rule 28-106.301 of the Florida Administrative Code.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation is not available in this proceeding.

Any party to this order has the right to seek judicial review of it under section 120.68 of the Florida Statutes, by filing a notice of appeal under rule 9.110 of the Florida Rules of Appellate Procedure with the clerk of the Department of Environmental Protection in the Office of General Counsel, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice must be filed within thirty days after this order is filed with the clerk of the Department.

Executed in Orange County, Florida

August 2, 2012

Caroline D. Shine
District Air Program Administrator
Central District

Date

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Final Air Permit package (including the Final Permit and the Appendices) was sent by electronic mail (or a link to these documents made available electronically on a publicly accessible server) with received receipt requested before the close of business on August 2, 2012 to the persons listed below.

Mr. Gary Palpant, Owner/President, Southern Marble Manufacturing, Inc.
(smarblegp@embarqemail.com)
Ms. Sara Grievel, Grove Scientific & Engineering Co. **(sara@grovescientific.com)**

Clerk Stamp

FILED, on this date, pursuant to Section 120.52, Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

August 2, 2012
(Clerk) (Date)

FACILITY AND PROJECT DESCRIPTION

Existing Facility

Provide a brief description of the existing facility. The existing facility consists of the following emissions units.

Facility ID No. 0830116	
ID No.	Emission Unit Description
001	Cultured Marble Facility (Cast Polymer Operations).

FACILITY REGULATORY CLASSIFICATION

- The facility is not a major source of hazardous air pollutants (HAP).
- The facility has no units subject to the acid rain provisions of the Clean Air Act (CAA).
- The facility is not a Title V major source of air pollution in accordance with Chapter 213, F.A.C.
- The facility is not a major stationary source in accordance with Rule 62-212.400(PSD), F.A.C.
- This facility is a synthetic minor source for total volatile organic compounds (VOCs), total HAPs, and individual HAPs.

PERMIT HISTORY/AFFECTED PERMITS

Replaces Permit No. 0830116-006-AO.

1. Permitting Authority: The permitting authority for this project is the Florida Department of Environmental Protection, Central District Air Resource Management Section. The Central District's mailing address and phone number are:

   Florida Department of Environmental Protection
   Central District Office
   Air Resource Management Section
   3319 Maguire Blvd., Ste. 232
   Orlando, FL 32803-3767
   Telephone: 407-897-4100

   All documents related to applications for permits shall be submitted to the above address.

2. Compliance Authority: All documents related to compliance activities such as reports, tests, and notifications shall be submitted to the Central District Air Resource Management Section (see above mailing address and phone number.

3. Appendices: The following Appendices are attached as part of this permit:

   a. Appendix A. Citation Formats and Glossary of Common Terms;
   b. Appendix B. General Conditions;
   c. Appendix C. Common Conditions; and
   d. Appendix D. Common Testing Requirements.

4. Applicable Regulations, Forms and Application Procedures: Unless otherwise specified in this permit, the construction and operation of the subject emissions units shall be in accordance with the capacities and specifications stated in the application. The facility is subject to all applicable provisions of: Chapter 403, F.S.; and Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-296 and 62-297, F.A.C. Issuance of this permit does not relieve the permittee from compliance with any applicable federal, state, or local permitting or regulations.

5. New or Additional Conditions: For good cause shown and after notice and an administrative hearing, if requested, the Department may require the permittee to conform to new or additional conditions. The Department shall allow the permittee a reasonable time to conform to the new or additional conditions, and on application of the permittee, the Department may grant additional time. [Rule 62-4.080, F.A.C.]

6. Modifications: Unless otherwise exempt by rule, the permittee shall not initiate any construction, reconstruction, or modification at the facility and shall not install/modify any pollution control device at the facility without obtaining prior authorization from the Department. Modification is defined as: Any physical change or changes in the method of operations or addition to a facility that would result in an increase in the actual emissions of any air pollutant subject to air regulations, including any not previously emitted, from any emission unit or facility. [Rules 62-210.200 - Definition of "Modification" and 62-210.300(1)(a), F.A.C.]

7. Annual Operating Report: On or before **April 1** of each year, the permittee shall submit a completed DEP Form 62-210.900(5), "Annual Operating Report for Air Pollutant Emitting

Facility" (AOR) for the preceding calendar year. The report may be submitted electronically in accordance with the instructions received with the AOR package sent by the Department, or a hardcopy may be sent to the Compliance Authority.
[Rule 62-210.370(3), F.A.C.]

8. Operation Permit Renewal Application: A completed application for renewal of the operation permit shall be submitted to the Permitting Authority no later than 60 days prior to the expiration date of the operation permit. To properly apply for an operation permit, the applicant shall submit the following:
   a. the appropriate permit application form *(see current version of Rule 62-210.900, F.A.C. (Forms and Instructions), and/or FDEP Division of Air Resource Management website at: http://www.dep.state.fl.us/air/)*;
   b. the appropriate operation permit application fee from Rule 62-4.050(4)(a), F.A.C.;
   c. copies of the most recent compliance test reports required by Specific Condition No. **A.7.**, if not previously submitted; and
   d. copies of the most recent two months of records/logs specified in Specific Condition No. **A.12.**

   [Rules 62-4.030, 62-4.050, 62-4.070(3), 62-4.090, 62-210.300(2), and 62-210.900, F.A.C.]

A. EU 001 Cultured Marble Facility (Cast Polymer Operations)

This section of the permit addresses the following emissions unit.

ID No.	Emission Unit Description
001	Cultured Marble Facility (Cast Polymer Operations). The facility operations include the following air emission sources: mold preparation; one gel coat spray booth equipped with particulate filters; one Gruber gel coat spray booth equipped with particulate filters; one tunnel oven (0.2 MMBTU/hr) fired with natural gas or propane; two Gruber grinding booths equipped with a baghouse; marble matrix mixing, casting, and de-molding operations; and a finishing booth.

PERFORMANCE RESTRICTIONS

A.1. Permitted Capacity: The maximum permitted materials usage of resin, gel coat, styrene, mold release, MEKP, marble wash, and super flush at the facility shall not exceed 225 tons per consecutive 12-months, updated monthly.
[Permit application dated June 7, 2012 and Rule 62-210.200(PTE), F.A.C.]

A.2. Restricted Operation: The hours of operation are not limited (8,760 hours per year).
[Permit application dated June 7, 2012 and Rules 62-4.070(3) and 62-210.200(PTE), F.A.C.]

A.3. VOC or Organic Solvents (OS) Emissions: No person shall store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds (VOCs) or organic solvents without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Department. To comply, procedures to minimize pollutant emissions should include but not be limited to the following:

a. tightly cover or close all VOC containers when they are not in use,
b. tightly cover, where possible, all open troughs, basins, baths, tanks, etc. when they are not in use,
c. maintain all piping, valves, fittings, etc. in good operating condition,
d. prevent excessive air turbulence across exposed VOCs,
e. immediately confine and clean up VOC spills and make sure certain wastes are placed in closed containers for reuse, recycling or proper disposal

[Rule 62-296.320(1)(a), F.A.C.]

A.4. Unconfined Particulate Emissions: All reasonable precautions shall be taken to prevent emissions of unconfined particulate matter. Reasonable precautions shall include, but not be limited to, the following:

a. Paving and maintenance of roads, parking areas and yards;

b. Application of water or chemicals to control emissions from such activities as demolition of buildings, grading roads, construction, and land clearing;

c. Application of asphalt, water, oil, chemicals or other dust suppressants to unpaved roads, yards, open stock piles and similar activities;

d. Removal of particulate matter from roads and other paved areas under the control of the owner or operator of the facility to prevent reentrainment, and from buildings or work areas to prevent particulate from becoming airborne;

e. Landscaping or planting of vegetation;

f. Use of hoods, fans, filters, and similar equipment to contain, capture and/or vent particulate matter;

g. Confining abrasive blasting where possible;

h. Enclosure or covering of conveyor systems; and

i. Maintenance of all filters in good working order.

[Rule 62-296.320(4)(c), F.A.C.]

EMISSIONS STANDARDS

A.5. VOC/HAP Emissions Limitation: The maximum facility-wide VOC/HAP Emissions are limited to the following:

Pollutant	Emissions
Total VOCs	less than 24.9 tons per any consecutive 12-months
Total HAPs	less than 24.9 tons per any consecutive 12-months
Individual HAPs	less than 9.9 tons per any consecutive 12-months

[Rule 62-210.200, (PTE), F.A.C.]

A.6. General Visible Emissions (VE) Limitation: No person shall cause, let, permit, suffer, or allow to be discharged into the atmosphere the emissions of air pollutants from any activity, the density of which is equal to or greater than that designated as Number 1 on the Ringelmann Chart (20 percent opacity). [Rule 62-296.320(4)(b)1., F.A.C.]]

TESTING REQUIREMENTS

A.7. **Compliance Tests During each federal fiscal year (October 1st to September 30th), the emissions unit shall be tested to demonstrate compliance with the emissions standards for for visible emissions. [Rule 62-297.310, F.A.C.]**

A.8. Test Requirements: Tests shall be conducted in accordance with the applicable requirements specified in Appendix D (Common Testing Requirements) of this permit.
[Rule 62-297.310, F.A.C.]

A.9. Test Method(s): Required tests shall be performed in accordance with the following reference method(s).

Method(s)	Description of Method and Comments
9	Visual Determination of the Opacity of Emissions from Stationary Sources. Test shall be conducted for thirty minutes or the length of the batch/cycle if less than 30 minutes.

The above method(s) are described in Appendix A of 40 CFR 60 and are adopted by reference in Rule 62-204.800, F.A.C. No other method(s) may be used unless prior written approval is received from the Department.
[Rules 62-204.800 and 62-297.100, F.A.C.; and Appendix A of 40 CFR 60]

NOTIFICATION REQUIREMENTS

A.10. Test Notification: The permittee shall notify the Compliance Authority at least 15 days prior to any required tests. The notification must include the following information: the date, time, and location of each test; the name and telephone number of the facility's contact person who will be responsible for coordinating the test; and the name, company, and the telephone number of the person conducting the test.

[Rules 62-4.070(3) and 62-297.310(7)(a)9., F.A.C.]

RECORDS AND REPORTS

A.11. Test Reports: The permittee shall prepare and submit reports for all required tests in accordance with the requirements specified in Appendix D (Common Testing Requirements) of this permit.
[Rule 62-297.310(8), F.A.C.]

A.12. Monthly Recordkeeping Requirements: In order to demonstrate compliance with Specific Conditions No. **A.1., A.2.,** and **A.5.,** and pursuant to Rule 62-4.070(3), F.A.C., the permittee shall maintain a monthly log at the facility for a period of at least five years from the date the data is recorded. The log, at a minimum, shall contain the following:

Monthly

a. Designation of the month and year of operation for which the records are being tabulated;

b. Consecutive 12-month total utilization rate for each material used at the facility that has a VOC and HAP air pollution emission;

c. Consecutive 12-month total of total VOC, total HAPs, and individual HAPs emissions rates

[Rule 62-4.070(3), F.A.C.]

The monthly logs shall be completed by the end of the following month.

Note: A consecutive 12-month total is equal to the total for the month in question plus the totals for the eleven months previous to the month in question. A consecutive 12-month total treats each month of the year as the end of a 12-month period. A 12-month total is not a year-to-date total. Facilities that have not been operating for 12 months should retain 12-month totals using whatever number of months of data is available until such a time as a consecutive 12-month total can be maintained each month.

Supporting documentation (chemical usage tracking logs, MSDS sheets, purchase orders, EPA "As Supplied" data sheets, EPA Method 24, etc.) shall be kept for each chemical and associated products which includes sufficient information to determine usage rates and emissions. These records shall be made available to the Department upon request. Documentation of each chemical reclaimed will use a mass balance method to determine usage/emissions (amount used minus amount collected for disposal or recycle). The log and documents shall be kept at the facility for at least five years and made available to the Department. The monthly logs shall be completed by the end of the following month.
[Rule 62-4.070(3), F.A.C.]

A.13. Additional Recordkeeping Requirements: Records specified in Specific Condition No. **A.12.** above, must document the method, calculations, and formulas used in determining the usage rate and the emission rate. All calculations, including those used to derive emissions, must be clearly documented, and may be presented in **the form of a template of sample calculations** and available for review on site by the Department.