TECHNICAL EVALUATION
&
PRELIMINARY DETERMINATION

APPLICANT

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

Facility ID No. 0830116

PROJECT

Project No. 0830116-007-AF
Application for Synthetic Minor Source Air Operation Permit
Project Name: Permit Renewal

COUNTY

Marion County, Florida

PERMITTING AUTHORITY

Florida Department of Environmental Protection
Air Resource Management
Central District Office
Orlando, Florida 32803-3767

July 16, 2012

Prepared by Stephen Amirault

GENERAL PROJECT INFORMATION

Air Pollution Regulations

Projects at stationary sources with the potential to emit air pollution are subject to the applicable environmental laws specified in Section 403 of the Florida Statutes (F.S.). The statutes authorize the Department of Environmental Protection (Department) to establish regulations regarding air quality as part of the Florida Administrative Code (F.A.C.), which includes the following applicable chapters: 62-4 (Permits); 62-204 (Air Pollution Control – General Provisions); 62-210 (Stationary Sources – General Requirements); 62-212 (Stationary Sources – Preconstruction Review); 62-213 (Operation Permits for Major Sources of Air Pollution); 62-296 (Stationary Sources - Emission Standards); and 62-297 (Stationary Sources – Emissions Monitoring). Specifically, air construction permits are required pursuant to Rules 62-4, 62-210 and 62-212, F.A.C.

In addition, the U. S. Environmental Protection Agency (EPA) establishes air quality regulations in Title 40 of the Code of Federal Regulations (CFR). Part 60 specifies New Source Performance Standards (NSPS) for numerous industrial categories. Part 61 specifies National Emission Standards for Hazardous Air Pollutants (NESHAP) based on specific pollutants. Part 63 specifies NESHAP based on the Maximum Achievable Control Technology (MACT) for numerous industrial categories. The Department adopts these federal regulations on a quarterly basis in Rule 62-204.800, F.A.C.

Glossary of Common Terms

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

I. Project Description:

A. Applicant:

Mr. Gary Palpant, Owner/President
Southern Marble Manufacturing, Inc.
3621 N.W. 27th Avenue
Ocala, Florida 34475

B. Application Contact:

Ms. Sara Greivel
Grove Scientific & Engineering Company
6140 Edgewater Drive, Suite F
Orlando, Florida 32810

C. Project Location:

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

D. Project Summary:

This is an Air Operation Permit renewal.

D. Application Information:

Application Received on: 06/19/2012
Application Complete: 07/19/2012

II. Rule Applicability

This project is subject to the preconstruction review requirements of Chapter 403, Florida Statutes and Chapters 62-204 through 62-297, Florida Administrative Code (F.A.C.), as indicated below.

Subject to:	Y/N	Comments
Rule 62-296.320(4), F.A.C. - General Particulate Emission Limiting Standards	Y	Potential source of unconfined particulate matter emissions. Visible emissions for each source that emits particulates are limited to less than 20 percent opacity.
Rules 62-296.320(1) and (2), F.A.C. - General Pollutant Emission Limiting Standards (VOCs and Odor)	Y	Source of VOC and potential odors.
Rule 62-296.400, F.A.C. - Stationary Source Emission Standards	Y	There is no applicable source category.
Rule 62-296.500, F.A.C. - Reasonably Available Control Technology (VOC)	N	Marion County is an attainment area for ozone.
Rule 62-296.700, F.A.C. - Reasonably Available Control Technology (PM)	N	There is no applicable source category.
Rule 62-297.310, F.A.C. - General Compliance Test Requirements, F.A.C.	Y	Annual VE testing is required for EU No. 001
Rule 62-204.800, F.A.C. National Emission Standard for Hazardous Air Pollutants (NESHAPS – 40 CFR 61)	N	There is no applicable source.
Rule 62-204.800, F.A.C. National Emission Standard for Hazardous Air Pollutants for	N	There is no applicable source.

Subject to:	Y/N	Comments
Source Categories a.k.a. MACT (NESHAPS –40 CFR 63)		

III. Summary of Emissions

Pollutant	EU No. and brief description	Potential Emissions (tpy)
VOC	Facility	Less than 24.9
HAPs (total)	Facility	Less than 24.9
HAPs (individual)	Facility	Less than 9.9

IV. Federal NSPS and/or NESHAP Provisions

There are no applicable NSPS or NESHAP provisions.

V. Conclusions

The emission limits proposed by the applicant will meet all of the requirements of Chapters 62-204 through 297, F.A.C.

The General and Specific Conditions listed in the proposed permit (attached) will assure compliance with all the applicable requirements of Chapters 62-204 through 297, F.A.C.

VI. Preliminary Determination

The Department makes a preliminary determination that the proposed project will comply with all applicable state and federal air pollution regulations as conditioned by the draft permit. This determination is based on a technical review of the complete application, reasonable assurances provided by the applicant, and the conditions specified in the draft permit. Additional details of this analysis may be obtained by contacting the project engineer at the Florida Department of Environmental Protection Air Resource Management, Central District Office, 3319 Maguire Blvd., Suite 232, Orlando, Florida 32803-3767, 407/893-3334.

Pursuant to Section 403.087, Florida Statutes and Section 62-4.070, Florida Administrative Code, the Department hereby gives notice of its intent to issue a permit to construct the aforementioned air pollution source in accordance with the draft permit and its conditions as stipulated (see attached).