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Department of
Environmental Protection

Lawton Chiles
Governor

Northwest District
160 Governmental Center
Pensacola, Florida 32501-5794

Virginia B. Wetherell
Secretary

PERMITTEE:

Marble Works

I.D. Number: 10PEN46006301, 02, 03
Permit/Certification Number: AO46-273666 0910063-001-AO
Date of Issue: August 28, 1995
Expiration Date: July 1, 2000
County: Okaloosa
Latitude/Longitude: 30°24'44"N/86°40'00"W
Project: Cultured Marble Products Manufacturing Facility and Baghouses

This permit is issued under the provisions of Section 403.087, Florida Statutes, and Florida Administrative Code Rules 62-296, 62-297 and 62-4. The above named applicant, hereinafter called Permittee, is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

Operation of a Cultured Marble Products Manufacturing Facility containing two baghouses and a gelcoat spray booth. Facility produces cultured marble products such as bathroom vanity tops, whirlpool tubs, shower enclosures and counter tops. Molds are sprayed with the Gelcoat topcoat in the paint booth. The gelcoat operation currently uses 28,000 lbs/yr of resin. The booth exhaust air is filtered and exhausted through a vent near the southeast corner of the building. The molds are moved into a natural gas-fired drying tunnel to cure. The molds are moved to the manufacturing area and the cultured marble mixture of polyester (styrene) resin and marble dust is poured into the mold. The work is removed from the molds after curing and excess material is removed by cutting and grinding. Approximately 1.5 MM lbs of finished material moves through the grinding operation per year. Baghouse 1, manufactured by Clean Flex, controls emissions from the marble dust storage silo. Gelcoat spray booth emissions are controlled by filters. Baghouse 2, manufactured by Gruber, model No. 6-105-847, controls emissions from the grinding and finishing operation.

Located: 20 Ready Avenue Northwest, Ft. Walton Industrial Park.

"Protect, Conserve and Manage Florida's Environment and Natural Resources"

Printed on recycled paper.

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SPECIFIC CONDITIONS:

General

1. The attached General Conditions are part of this permit. [FAC Rule 62-4.160]

Operation

2. The facility may operate 2808 hours/yr. [FAC Rule 17-4.070, permit application]

3. The maximum allowable operating rate, during loading from a tanker truck, for the marble dust storage silo is 1667 pounds of marble dust per minute. This is the operating rate at which compliance with standards shall be demonstrated. (Note: Loading is a batch-type operation, approximately 24 thruckloads of 25 tons of marble dust per year.) [FAC Rule 17-4.070 and construction permit application]

4. The maximum allowable operating rate, for the grinding operation is 1000 pounds of cultured marble product per hour during grinding. This is the operating rate at which compliance with standards shall be demonstrated. [FAC Rule 17-4.070 and construction permit application]

5. The maximum allowable operating rate, during spraying, for the gelcoat spraying operation is twenty pounds of gelcoat resin sprayed per hour. This is the operating rate at which compliance with standards shall be demonstrated. [FAC Rule 17-4.070 and construction permit application]

6. All vats, containers, etc., that are used for temporary and permanent storage of VOC/organic solvents shall be covered to prevent vaporization of VOC when not in use. All equipment, pipes, hoses, lids, fittings, etc., shall be operated/maintained in such a manner as to minimize leaks, fugitive emissions and spills of VOC materials. [FAC Rule 17-296.320(1)(a)]

Emissions

7. No objectionable odors shall be allowed off plant property. If the Department determines the facility is emitting objectionable odors, the Permittee shall submit an odor remediation plan within 45 days of receipt of written notification from the Department. The plan shall include, but not be limited to, dispersion modeling analysis, strategies to reduce odorous chemicals utilization, and modifications of manufacturing production cycles, manufacturing methods and/or plant exhaust systems. [FAC Rule 17-296.320(2)]

SPECIFIC CONDITIONS:

8. The permittee has a waiver of particulate emissions tests for sources 2 and 3 for minor particulate sources equipped with baghouses, for accepting an alternative Visible Emissions standard of not more than 5% opacity for these sources. [FAC Rule 17-297.620(4)] Visible emissions shall not be equal to, or greater than, 20% opacity for all other sources. [FAC Rule 62-296.310(2)]

9. All fugitive dust generated at this site shall be adequately controlled by existing good housekeeping practices such as periodic sweeping and/or vacuuming of work areas, maintaining covers on dust storage and dust collection containers, and closing doors on windy days. [FAC Rule 17-296.310(3)]

10. Maximum allowable particulate matter (PM) emissions, derived from Process Weight Table [FAC Rule 17-296.310(1)(b) are:

Baghouse #2, grinding operation	1.58 lb/hr
Gelcoat spray booth exhaust stack	0.13 lb/hr

Testing

11. Annual visible emissions tests are required to show compliance with the standards of the Department. The test results must provide reasonable assurance that the sources are capable of compliance at the permitted maximum operating rate. [FAC Rule 17-4.070] The VE test shall be conducted in accordance DER Method 9 for 30 minutes. The tests shall be conducted by April 1 of each year. The Department shall be notified at least 15 days prior to testing to allow witnessing. Results shall be submitted to the Department within 45 days after testing.

12. The permittee has a waiver of particulate emissions tests for sources 2 and 3 for minor particulate sources equipped with baghouses, for accepting an alternative Visible Emissions standard of not more than 5% opacity for these sources. [FAC Rule 17-297.620(4)]

13. Testing of emissions shall be conducted with the source operating at capacity. Capacity is defined as 90-100% of rated capacity. If it is impractical to test at capacity, then sources may be tested at less than capacity; in this case subsequent source operation is limited to 110% of the test load until a new test is conducted. Once the unit is so limited, then operation at higher capacities is allowed for no more than fifteen days for

purposes of additional compliance testing to regain the rated capacity in the permit, with prior notification to the department. [FAC Rule 62-4.070]

Administrative

14. An Annual Operating Report [DEP Form 17-21-.900(4), attached] shall be submitted by March 1 of each year.

15. An application to renew this permit shall be submitted prior to June 1, 2000. [FAC Rule 62-4.090]

16. The permanent source identification number for these point sources are:

10PEN46006301	Raw Material Storage, Baghouse #1
10PEN46006302	Grinding Process, Bagshouse #2
10PEN46006303	Gelcoat Spray Booth Exhaust Stack

Please cite the appropriate number on all test reports and other correspondence specific to a permitted point source. [FAC Rule 17-297.570]

17. The Department telephone number for reporting problems, malfunctions or exceedances under this permit is (904) 444-8300, day or night, and for emergencies involving a significant threat to human health or the environment is (904) 488-1320. For routine business, telephone (904) 444-8364 during normal working hours. [FAC Rule 62-210.700]

Expiration Date:

July 1, 2000

Issued this 28th day of August 1995.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Ed K. Middleswart

ED K. MIDDLESWART, P.E.
Air Program Administrator

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "permit conditions", and are binding and enforceable pursuant to Sections 403.141, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.

3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit does not constitute a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.

4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the state. Only the Trustees of the Internal Improvement Trust Fund may express state opinion as to title.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.

6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, are required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purpose of:

a. Having access to and copying any records that must be kept under the conditions of this permit;

b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and,

GENERAL CONDITIONS:

c. Sampling or monitoring any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:

a. A description of and cause of noncompliance; and
b. The period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance. The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes. Such evidence shall only be used to the extent it is consistent with Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance, provided however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

11. This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 62-4.120 and 62-730.300, as applicable. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department.

12. This permit is required to be kept at the work site of the permitted activity during the entire period of construction or operation.

13. The permittee shall comply with the following:

a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.

GENERAL CONDITIONS:

b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report or application unless otherwise specified by Department rule.

c. Records of monitoring information shall include:

- the date, exact place, and time of sampling or measurement;
- the person responsible for performing the sampling or measurement;
- the date(s) analyses were performed;
- the person responsible for performing the analyses;
- the analytical techniques or methods used; and
- the results of such analyses.

14. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.