Department of
Environmental Protection

Northeast District
7825 BAYMEADOWS WAY, SUITE B200
Jacksonville, Florida 32256-7590

JEB BUSH
Governor

COLLEEN CASTILLE
Secretary

PERMITTEE:

Hanson Roof Tile, Inc.
858 South Military Trail
Deerfield Beach, Florida 33442

I.D. Number:	0030010
Permit/Cert Number:	0030010-001-AC
Date of Issue:	February 14, 2006
Expiration Date:	February 14, 2009
County:	Baker
Latitude/Longitude:	30° 15' 01" N; 82°15' 20" W
UTM:	Zone 17, E. 379.2, N. 3347.2
Project:	Sanderson Facility

This permit is issued under the provisions of Chapter(s) 403, Florida Statutes, and Florida Administrative Code Rule(s) 62-210, 62-212, 62-204, 62-296, 62-297 and 62-4. The above named 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:

PROJECT

For the construction of a concrete roof tile production facility consisting of a concrete batching operation and a roof tile forming operations.

The facility has requested a facility-wide emissions cap of 99.9 tons per year of VOC's. This facility is classified as a synthetic minor source and is required to apply for a FESOP (Federally Enforceable State Operating Permit).

Emissions Unit 001: Concrete Batching Operations
Emissions Unit 002: Roof Tile Forming Operations

OPERATING LOCATION

Located at Arnold Rhoden Road, Sanderson, Baker County, Florida.

RELEVANT DOCUMENTS

The documents listed below are the basis of the permit. They are specifically related to this permitting action. These documents are on file with the Department:

Application For Air Permit – received December 5, 2005.
Request for Additional Information Response received January 10, 2006.

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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 403.161, 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 the 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. Neither 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 is not 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 not 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 no 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 permitted 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, as 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 and at a reasonable time, access to the premises, where the permitted activity is located or conducted to:

   a. Have access to and copy any record that must be kept under the conditions of the permit;

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

   c. Sample or monitor 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.

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GENERAL CONDITIONS:

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 non-compliance; and

b. the period of non-compliance, including dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.

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 prescribed by Sections 403.73 and 403.111, Florida Statutes. Such evidence shall only be used to the extent it is consistent with the 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, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. This permit also constitutes:

( ) Determination of Best Available Control Technology (BACT)
( ) Determination of Prevention of Significant Deterioration (PSD)
( ) Compliance with New Source Performance Standards (NSPS)

GENERAL CONDITIONS:

14. 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.

    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 measurements;
        - the person responsible for performing the sampling or measurement;
        - the dates analyses were performed;
        - the person responsible for performing the analyses;
        - the analytical techniques or methods used; and
        - the results of such analyses.

15. 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 that 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.

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SPECIFIC CONDITIONS:

ESSENTIAL POTENTIAL TO EMIT (PTE) PARAMETERS

1. The I.D. No. and Project name for this source shall be used on all correspondence.

2. **Hours of Operation**: The hours of operation are restricted – 7,280 hours per year (consecutive 12 months).

3. All reasonable precautions shall be taken to prevent emissions of unconfined particulate matter. Reasonable precautions shall include, but not to be limited to, the following [Rule 62-296.320(4)(c), F.A.C.]:

   a) Application of water when necessary to control emissions.
   b) Removal of particulate matter from roads and other paved areas under control of the owner or operator to prevent reentrainment, and from buildings or work areas to prevent particulate from becoming airborne.
   c) Enclosure or covering of conveyor systems
   d) Use of a spray or chute to mitigate emissions at the drop point.

4. No person shall circumvent any pollution control device or allow the emissions of air pollutants without the applicable air pollution control device operating properly.
   [Rule 62-210.650, F.A.C.]

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

6. No person shall cause, suffer, allow or permit the discharge of air pollutants which cause or contribute to an objectionable odor. An objectionable odor is defined as any odor present in the outdoor atmosphere which by itself or in combination with other odors, is or may be harmful or injurious to human health or welfare, which unreasonably interferes with the comfortable use and enjoyment of life or property, or which creates a nuisance.
   [Rule 62-296.320(2), F.A.C.]

7. For the facility, VOC emissions are limited to less than 99.9 tons per consecutive 12 months. Additionally, combined hazardous air pollutant (HAP) emissions are limited to less than 25.0 tons per consecutive 12 months, and any single HAP emission is limited to less than 10.0 tons per consecutive 12 months.
   [Rule 62-210.200(203), (PTE), F.A.C.]

8. Emissions from silos, weigh hoppers (batchers), and other enclosed storage or conveying equipment shall be controlled to the extent necessary to limit visible emissions to 5 percent opacity.
   [Rule 62-296.414(1), F.A.C.]

9. The visible emissions for each source, excluding the concrete batching related sources, are limited to less than 20% opacity.
[Rule 62-296.320(4)(b)1., F.A.C.]

10. Each dust collector and each baghouse must be tested for visible emissions at the emission source in accordance with EPA Method 9 [Rule 62-297.401, F.A.C.] at least 90 days prior to permit expiration date. The EPA Method 9 test shall last thirty minutes or the length of the batch/cycle.
[Rule 62-297.310(4)(a)2., F.A.C.]

11. At least 15 days prior to the date on which each formal compliance test is due to begin, the permittee shall provide written notification of the test to the air compliance section of this office. 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 telephone number of the person conducting the test.
[Rule 62-297.310(7)(a)9., F.A.C.]

12. Reports of the required compliance tests shall be filed with the air compliance section of this office as soon as practical but no later than 45 days after the last test is completed.
[Rule 62-297.310(8)(b), F.A.C.]

13. In order to demonstrate compliance with specific condition numbers 7, 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:

<u>Monthly</u>

a) Designation of the month and year of operation for which the records are being tabulated; and
b) Consecutive 12-month total of total VOC, combined HAPs and individual HAPs emissions rates.
c) Hours of operation (operations listed in this permit)
d) Consecutive 12-month total of cement usage (silo loading)
Rules 62-4.070(3), and 62-213.440(1)(b)2., F.A.C.]

14. Unless otherwise stated in the applicable emission limiting standard rule, testing of emissions shall be conducted with the emissions unit operation at permitted capacity as defined below. If it is impracticable to test at permitted capacity, an emissions unit may be tested at less than the minimum permitted capacity; in this case, subsequent emissions unit operation is limited to 110 percent of the test load until a new test is conducted. Once the unit is so limited, operation at higher capacities is allowed for no more than 15 consecutive days for the purpose of additional compliance testing to regain the authority to operate at the permitted capacity. Permitted capacity is defined as 90 to 100 percent of the maximum operation rate allowed by the permit.
[Rule 62-297.310(2)(b), F.A.C.]

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ADMINISTRATIVE

15 Any revision(s) to a permit (and application) must be submitted to the Department, in writing, and approved by the Department prior to implementation.

16. A completed **Application for Air Permit** with the compliance report is due 60 days prior to the expiration of this permit. To properly apply for an operation permit, the permittee shall submit the appropriate application form, processing fee, and compliance test reports as required by this permit.
[Rules 62-4.055 and 62-4.220, F.A.C.]

Executed in Jacksonville, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

Christopher L. Kirts, P.E.
District Air Program Administrator

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to Section 120.52(7), Florida Statutes, with the designated agency Clerk, receipt of which is hereby acknowledged.

(Clerk) February 15, 2006 (Date)