



Florida Department of Environmental Protection

Northeast District
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Jacksonville, Florida 32256-7590
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Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

PERMITTEE:

Hanson Roof Tile, Inc.
1340 Southwest 34th Avenue
Deerfield Beach, Florida 33442

I.D. Number: 0030010
Permit/Cert Number: 0030010-003-AF
Date of Issue: April 1, 2008
Expiration Date: January 29, 2012
County: Baker
Latitude/Longitude: 30° 15' 01" N; 82° 15' 20" W
UTM: Zone 17, E. 379.2, N. 3347.2
Project: FESOP Revision

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 operation of 3rd roof tile production line.

FACILITY DESCRIPTION

Hanson Roof Tile, Inc. (Hanson) operates a concrete roof tile production plant (Sanderson facility) in Sanderson, Baker County, Florida. The Hanson Sanderson facility comprises a concrete batching plant and also roof tile-forming and coating operations.

Concrete batching plant includes the equipment associated with preparing batches of concrete. Concrete is composed essentially of water, cement, flyash and sand. The sand is stored in bulk piles and transferred via front-end loader to small sand hoppers. The cement and cement supplement are delivered to the facility via trucks and transferred pneumatically into the storage silos. The two grey cement storage silos have capacities of 199 tons and two white cement and two cement supplement storage silos have capacities of 99 tons. Two baghouses are installed to control the particulate matter (PM) emissions from cement and cement supplement silos during material loading. The process flow diagram of the concrete batching plant is included in *diagram 1*.

For roof tile-forming and coating operations, the roof tiles are produced by extruding concrete onto die-cast aluminum molds. The extrusion process commences with the molds lined up end-to-end on a conveyor. The extrusion machine then drives the molds, still end-to-end, under the extrusion head. The extrusion head form a continuous ribbon of concrete on top of the abutted line of molds. In the process, the top and side concrete surfaces are formed by the extrusion head with longitudinally consistent profile. The bottom surface conforms to the irregular shape of the molds. The irregular shape of the mold includes many necessary features such as baton lugs that facilitate roof installation. Form oil (also referred to mold oil) is applied to the tile molds to avoid sticking by the concrete. Beyond the extrusion head, with the molds still

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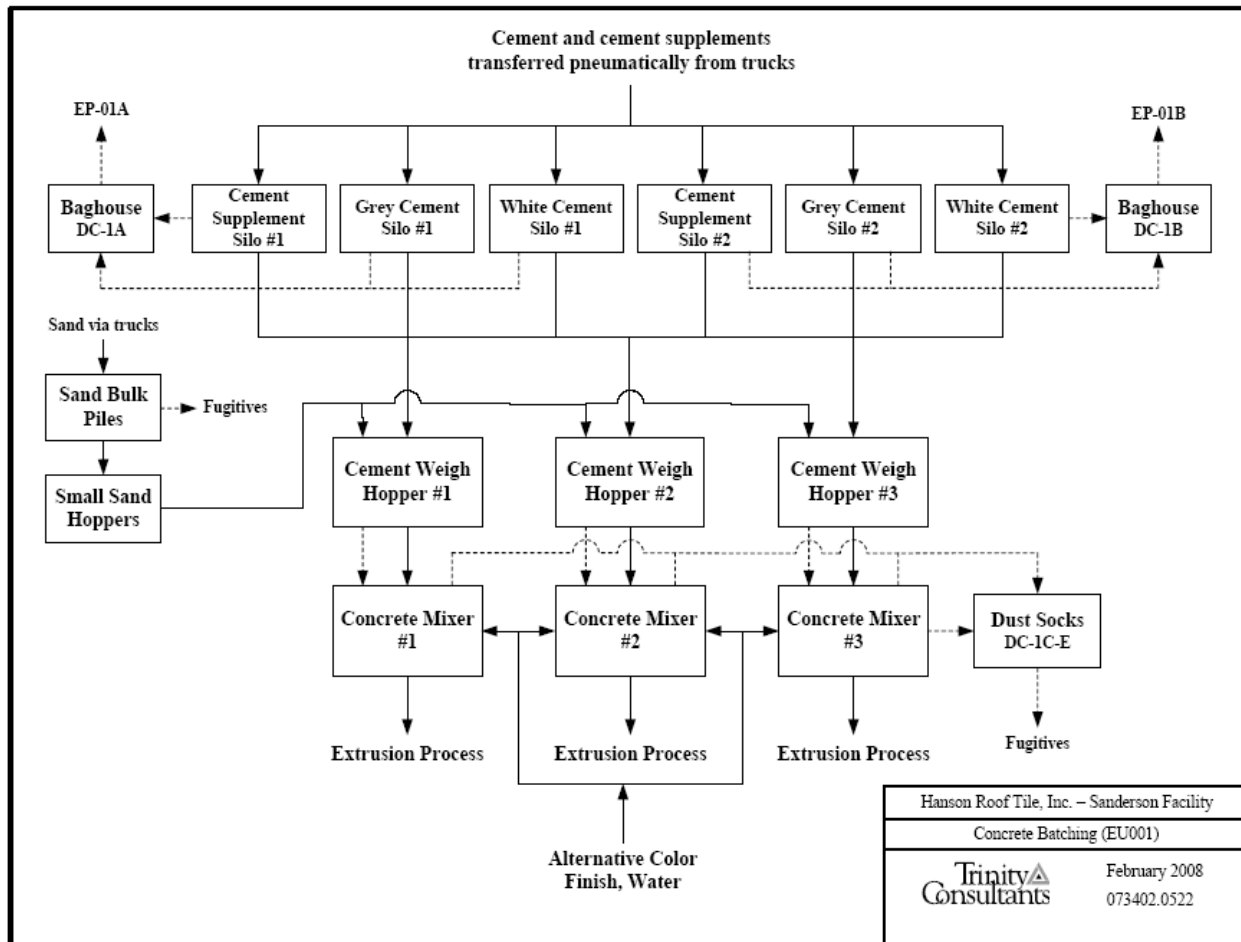
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end-to-end, a flying guillotine cuts through the moving ribbon of concrete precisely at the contact point of two abutting molds. The cut separates the ribbon into individual roof tiles. Each extrusion machine maximum production rate is 7,200 roof tiles per hour. The facility consists of three extrusion machines with the total capacity of 21,600 roof tiles per hour. As needed based on the tile design, a "wet on wet" curing membrane (sealer) is then applied to the roof tile prior to curing.

The extruded roof tiles are placed via a forklift into curing chambers with maximum capacity of 9,600 roof tiles per chamber. The curing cycle is stated when the chamber door is closed, and the cycle consists of applying heat and humidity at a control rate up to the level of 120 ° F and 100 % humidity for approximately 6 to 8 hours. Johnson Gas and Appliance Company natural gas burner units are used in each of the 30 curing chambers. The burner is rated at 1.15 Million British Thermal Units per hour (MMBTU/hr) for each burner with total heat input of 32.2 MMBTU/hour for the flue gas system. As needed, the "wet on dry" curing membrane (sealer) is then coated on the cured concrete tiles. The forming operations are completed in the building. The emissions from the curing membrane and form oil includes volatile organic compounds (VOC) and Hazardous Air Pollutants (HAPs). The process flow diagram of the roof tile forming and coating operations is included in *diagram 2*.

Diagram 1 –Process Flow for Concrete Batching Operation

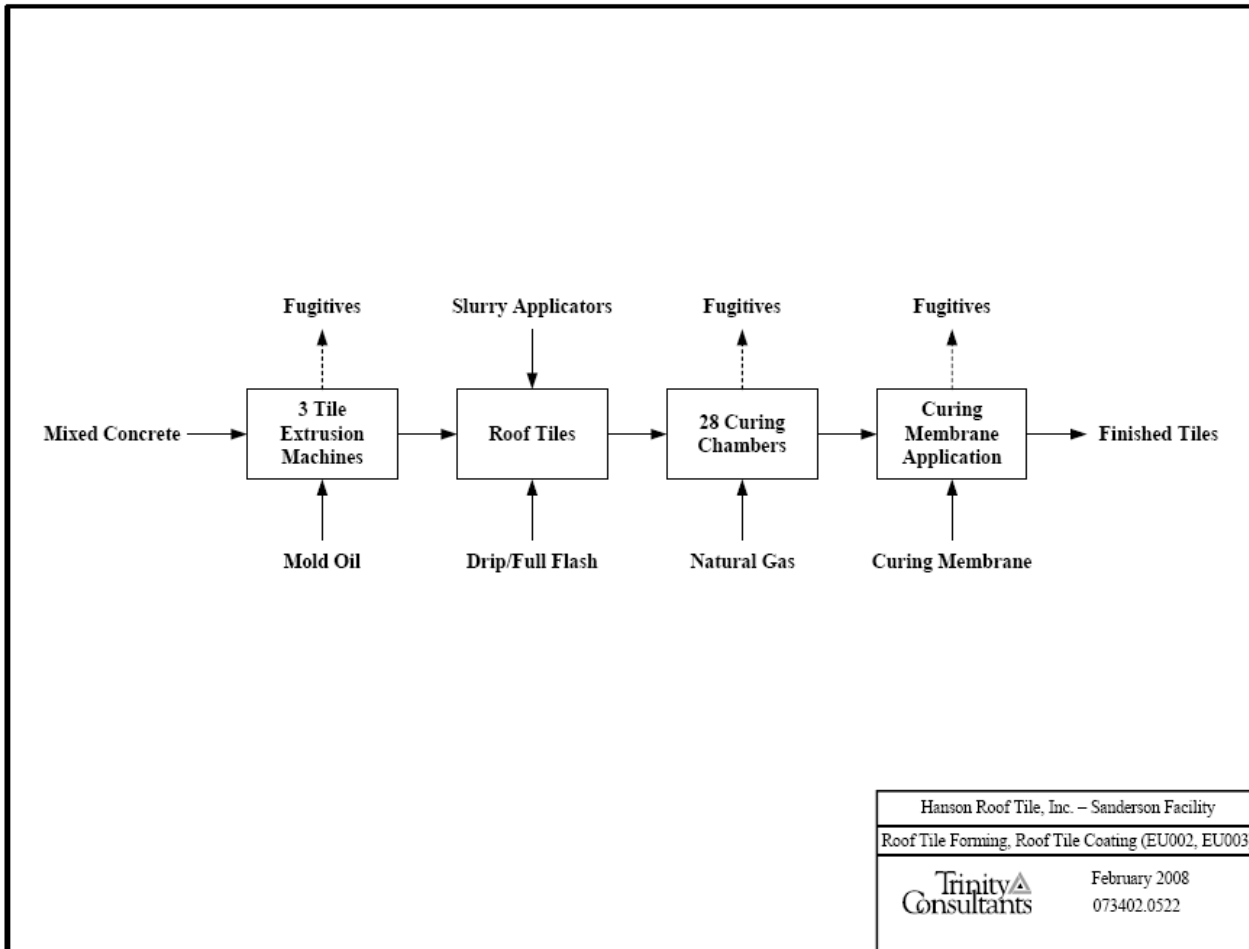


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Diagram 2 – Process Flow for Roof Tile Forming and Coating Operations

**OPERATING LOCATION**

Located at 13907 Arnold Rhoden Road, Sanderson, Baker County, Florida.

REGULATORY CLASSIFICATION

The facility is a synthetic minor source of air pollution because the operational limit assumed by the owner will limit the potential emissions of regulated air pollutants to less than 99 tons per year and the potential emissions of Hazardous Air Pollutants (HAP) to less than 9 tons per year for a single HAP and less than 24 tons per year for total HAPs pursuant to Chapter 62-210, F.A.C.

The facility consists of the following emissions unit (s):

<u>E.U. ID No.</u>	<u>Brief Description</u>
001	Concrete Batching Operations
002	Roof Tile Forming and Coating Operations

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Applicable Rule(s)

- **Chapter 62-4, F.A.C. - Permits**
- Rule 62-4.160, F.A.C.- General Permit Conditions
- Rule 62-4.130, F.A.C. - Plant Operation - Problems
- **Chapter 62-210, F.A.C. - Stationary Sources - General Requirements**
- Rule 62-210. 300 (2)(b), F.A.C. - Additional Requirements for Federally Enforceable State Operation Permits (FESOPs) for Non-Title V Sources.
- **Chapter 62-296, F.A.C. - Stationary Sources - Emissions Standards**
- Rule 62-296.320, F.A.C.- General Pollutant Emissions Limiting Standards
- Rule 62-296.414, F.A.C. - Concrete Batching Plants
- **Chapter 62-297, F.A.C. - Stationary Sources - Emissions Monitoring**
- Rule 62-297.310, F.A.C. - General Test Requirements

PERMIT SUMMARY

<u>Section</u>	<u>Description</u>
A	Facility Wide Conditions
B	Unit Specific Requirements for Concrete Batching Operation (EU 001)
C	Unit Specific Requirements for Roof Tile Forming and Coating Operations (EU 002)
D	Rule 62-4.160, F.A.C., General Permit Conditions

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:

Air Construction Permit Issued February 14, 2006.

Federally Enforceable State Operation Permit (FESOP) Issued January 29, 2007.

Application For Air Permit - Non-Title V Source received February 21, 2008.

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Section A - Facility Wide Conditions

- A.1. Volatile Organic Compounds (VOC), Total HAPs and Individual HAP Emissions Caps.** The facility wide VOC emissions rate is limited to less than 99 tons per consecutive 12 months. Additionally, the total Hazardous Air Pollutants (HAPs) emissions rate are limited to less than 24 tons per consecutive 12 months and any single HAP emissions rate is limited to less than 9 tons per consecutive 12 months. [Rule 62-210.200(203), (PTE), F.A.C. and Permit No. 0030010-001-AC]
- A.2. General Visible Emissions Standard:** Except for emissions unit that are subject to a particulate matter or opacity limit set forth or established by rule and reflected by conditions in this permit, no person shall cause, let, permit, suffer or allow to be discharge 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 Ringelmann Chart (20% opacity). Compliance shall be determined by EPA Method 9 upon Department's request, incorporated and adopted by reference in Rule 62-297, F.A.C. [Rule 62-296.320(4)(b) 1., F.A.C.]
- A.3. Industrial, Commercial, and Municipal Open Burning Prohibited.** Open burning in connection with industrial, commercial, or municipal operations is prohibited, except when:
- (a) Open burning is determined by the Department to be the only feasible method of operation and is authorized by an air permit issued pursuant to Chapter 62-210 or 62-213, F.A.C.; or
 - (b) An emergency exists which requires immediate action to protect human health and safety.
- [Rule 62-296.320(3), F.A.C.]
- A.4. Objectionable Odor Prohibited:** No person shall cause, suffer, allow or permit the discharge of air pollutants, which cause or contribute to an objectionable odor. Objectionable odor, is an odor present in the outdoor atmosphere which by itself or by combination with other odors, is or maybe harmful or injurious to human health or welfare, which unreasonably interferes with the comfortable use and enjoyment of life or property, or which create a nuisance. [Rule 62-296.320(2) and 62-210.200 (181), F.A.C.]
- A.5. Volatile Organic Compounds Emissions or Organic Solvents 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. [Rule 62-296.320(1)(a), F.A.C.]
- A.6. Unconfined Particulate Matter:** No person shall cause, let, permit, suffer or allow the emissions of unconfined particulate matter from any activity, including vehicular movement; transportation of material; construction, alteration, demolition or wrecking; or industrially activity such as loading, unloading, storing and handling; without taking reasonable precaution to prevent such emissions. Reasonable precautions may include but are not limited to the followings:
- 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.

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Section A - Facility Wide Conditions

- d. Removal of particulate matter from paved roads and/or 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 prevent particulate matter.
- g. Enclosure or covering of conveyor systems.
- h. Confining abrasive blasting where possible.

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

- A.7. Circumvention: No person shall circumvent any air pollution control device, or allow the emission of air pollutants without the applicable air pollution control device operating properly.

[Rule 62-210.650, F.A.C.]

- A.8. Excess Emissions: Excess emissions which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure which may reasonably be prevented during startup, shutdown, or malfunction shall be prohibited.

[Rule 62-210.700(4), F.A.C.]

- A.9. Malfunction Notification. In the case of excess emissions resulting from malfunctions, each owner or operator shall notify the NED Air Program immediately in accordance with Rule 62-4.130, F.A.C. A full written report on the malfunctions shall be submitted in a quarterly report, if requested by the Department.

[Rule 62-210.700(6), F.A.C.]

- A.10. Plant Operation – Problems: If the permittee is temporarily unable to comply with any of the conditions of the permit due to breakdown of equipment or destruction by hazard of fire, wind or by other cause, the permittee shall immediately notify the Department. Notification shall include pertinent information as to the cause of the problem, and what steps are being taken to correct the problem and to prevent its recurrence, and where applicable, the owner's intent toward reconstruction of destroyed facilities. Such notification does not release the permittee from any liability for failure to comply with Department rules.

[Rule 62-4.130, F.A.C.]

- A.11. Additional Requirements for Federally Enforceable State Operation Permits (FESOPs) for Non-Title V Sources: An operation permit for a non-Title V source, including a synthetic non-Title V source, shall be considered federally enforceable only if it is issued, renewed, or revised in accordance with the following provisions:

- a. At the time of initial application for the permit, the applicant requests that the permit be made federally enforceable.
- b. A notice of proposed agency action on the initial application, any renewal application involving material changes from the existing permit, and any application for permit revision is published in accordance with Rule 62- 210.350(1) and (4), F.A.C., except as provided in Rule 62-210.300(2)(b)3., F.A.C.
- c. The permit is a facility-wide permit.

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Section A - Facility Wide Conditions

- d. The permit is conditioned such that the owner or operator is legally obligated to adhere to the terms and limitations of such permit, including any condition or limitation assumed by the owner or operator upon acceptance of such permit.
- e. The permit is conditioned such that any emissions limitation, control requirement, or other requirement assumed by the owner or operator upon acceptance of such permit shall be quantifiable and enforceable as a practical matter.

Once a synthetic non-Title V source has been issued a federally enforceable state operation permit (FESOP), it shall remain subject to the requirements of Rule 62-210.300(2)(b), F.A.C., unless:

- a. The owner or operator accepts a higher limit and the facility becomes a Title V source; or
- b. The owner or operator demonstrates to the Department that it no longer needs a federally enforceable operation permit to be classified as a non-Title V source (i.e., the facility is naturally "minor" without any federally enforceable limits) and specifically requests exemption from these requirements.

[Rule 62-210.300(2)(b), F.A.C.]

ANNUAL OPERATING REPORT

A.12. Report Submittal: The owner or operator shall complete the Annual Operating Report (AOR) for Air Pollutant Emitting Facility (DEP Form No. 62-210.900(5)) and submit to the Department by March 1 of the following year.

[Rule 62-210.370(3), F.A.C.]

A.13. Emissions Computations: For AOR, the owner or operator shall compute the annual emissions in accordance with the requirements of Rule 62-210.370 (2), F.A.C.

ADMINISTRATIVE

A.14. The I.D. No. and Project name for this source shall be used on all correspondence.

A.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.

A.16. Modifications. No emissions unit or facility subject to this permit shall be constructed or modified without obtaining an air construction permit from the Department. Such permit shall be obtained prior to beginning construction or modification. [Rule 62-210.300(1), F.A.C.]

A.17. 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(1), F.A.C.]

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Section A - Facility Wide Conditions

A.18. General Conditions. The owner or operator is subject to and shall operate under the General Permit Conditions as described in Section D of this permit. General Permit Conditions are binding and enforceable pursuant to Chapter 403 of the Florida Statutes.
[Rule 62-4.160, F.A.C.]

A.19. All reports, tests, notifications or other submittals required by this permit shall be submitted to the:

Department of Environmental Protection
Northeast District – Air Program
7825 Baymeadows Way, Suite B200
Jacksonville, Florida 32256
Telephone: 904/807-3300
Fax: 904/448-4366

A.20. A completed **Application for Non Title V Air Permit Renewal** (DEP Form No. 62-210.900(4), F.A.C.), shall be submitted to the Department at least 60 days prior to the expiration date of this operation 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

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Section B – Unit Specific Requirements for Concrete Batching Operation (EU 001)

This section addresses the following emissions units.

<u>E.U. ID No.</u>	<u>Brief Description</u>
001	Concrete Batching Operation

The unit is subject to the following regulations:

- Rule 62-296.414, F.A.C. Concrete Batching Plants

ESSENTIAL POTENTIAL TO EMIT (PTE) PARAMETERS

- B.1. Hours of Operation:** The hours of operation for this emissions unit are restricted to 7280 hours per consecutive 12 months.
[Rules 62-4.160(2), 62-210.200(PTE), F.A.C. and Permit No. 0030010-001-AC]

EMISSIONS LIMITATIONS AND WORK PRACTICE STANDARDS

- B.2. Stack Emissions:** Emissions from silos, weigh hoppers (batchers), and other enclosed storage and 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.]
- B.3. Unconfined Emissions:** The owner or operator shall take reasonable precautions to control unconfined emissions from hoppers, storage and conveying equipment, conveyor drop points, truck loading and unloading, roads, parking areas, stock piles, and yards as required by Rule 62-296.320(4)(c), F.A.C (See Specific Condition A.6). For concrete batching plants the following shall constitute reasonable precautions:
- (a) Management of roads, parking areas, stock piles, and yards, which shall include one or more of the following:
 - 1. Paving and maintenance of roads, parking areas, and yards.
 - 2. Application of water or environmentally safe dust-suppressant chemicals when necessary to control emissions.
 - 3. Removal of particulate matter from roads and other paved areas under control of the owner or operator to mitigate reentrainment, and from building or work areas to reduce airborne particulate matter.
 - 4. Reduction of stockpile height or installation of wind breaks to mitigate wind entrainment of particulate matter from stockpiles.
 - (b) Use of spray bar, chute, or partial enclosure to mitigate emissions at the drop point to the truck.
- [Rule 62-296.414 (2), F.A.C.]

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Section B – Unit Specific Requirements for Concrete Batching Operation (EU 001)

COMPLIANCE DEMONSTRATION AND PERFORMANCE TEST

- B.4. Test Methods and Procedures:** All emissions tests performed shall comply with the following requirements.
- (a) The reference test method for visible emissions shall be EPA Method 9, as described at 40 CFR, Part 60, Appendix A, adopted and incorporated by reference at Rule 62-204.800, F.A.C.
 - (b) Test procedures shall conform to the procedures specified in Rule 62-297.310, F.A.C. All test results shall be reported to the Department in accordance with the provisions of Rule 62-297.310, F.A.C.
- [Rule 62-296.414 (3)(a)&(b), F.A.C.]
- B.5. Loading Rate During Testing:** Visible emissions tests of silo dust collector exhaust points shall be conducted while loading the silo at a rate that is representative of the normal silo loading rate. The minimum loading rate shall be 25 tons per hour unless such rate is unachievable in practice. If emissions from the weigh hopper (batcher) operation are also controlled by the silo dust collector, the batching operation shall be in operation during the visible emissions test. The batching rate during the emissions test shall be representative of the normal batching rate and duration. Each test report shall state the actual silo loading rate during emissions testing and, if applicable, whether or not batching occurred during emissions testing.
- [Rule 62-296.414 (3)(c), F.A.C.]
- B.6.** If emissions from the weigh hopper (batcher) operation are controlled by a dust collector which is separate from the silo dust collector, visible emissions tests of the weigh hopper (batcher) dust collector exhaust point shall be conducted while batching at a rate that is representative of the normal batching rate and duration. Each test report shall state the actual batching rate during emissions testing.
- [Rule 62-296.414 (3)(d), F.A.C.]
- B.7. Frequency of Testing:** The owner or operator shall have a performance test conducted for visible emissions for each dust collector exhaust point prior to submitting the application for an initial air operation permit, and annually thereafter.
- [Rule 62-296.414 (4)(b), F.A.C.]
- B.8. Test Notification:** 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.]
- B.9. Report Submittal:** 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.]

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Section B – Unit Specific Requirements for Concrete Batching Operation (EU 001)

RECORDKEEPING REQUIREMENTS

- B.10.** 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:
- a) Hours of operation.
 - b) Consecutive 12-month total of cement usage (silo loading).
- [Rules 62-4.070(3), 62-213.440(1)(b)2., F.A.C. and Permit No. 0030010-001-AC]

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Section C – Unit Specific Requirements for Roof Tile Forming and Coating Operations (EU 002)

This section addresses the following emissions units.

<u>E.U. ID No.</u>	<u>Brief Description</u>
002	Roof Tile Forming and Coating Operations

ESSENTIAL POTENTIAL TO EMIT (PTE) PARAMETERS

- C.1. Hours of Operation: The hours of operation are not restricted.
[Rules 62-4.160(2), 62-210.200(PTE), F.A.C., Permit No. 0030010-001-AC]

EMISSIONS LIMITATIONS AND WORK PRACTICE STANDARDS

- C.2. To comply with the requirements of Specific Condition A.5, the owner or operator shall take the procedures to minimize VOC 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
- [Permit No. 0030010-001-AC]

- C.3. VOC, Total HAPs and Individual HAP Caps Compliance Demonstration: The VOC, Total HAPs and Individual HAP emissions estimation shall include the emissions from both the roof tiles forming and coating operations. In order to demonstrate compliance with specific condition numbers A.1, 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; and
- b) Consecutive 12-month total VOC, Total HAPs and individual HAP emissions rate.
- c) Documents or supporting justifications for VOC, Total HAPs and individual HAP emissions calculation including, but not limited to:
 - i. Material Safety Data Sheet (MSDS) or material specification sheet.
 - ii. Purchase receipt of the VOC containing materials or other supporting documents indicating the materials usage.

[Rules 62-4.070(3), 62-213.440(1)(b)2., F.A.C. and Permit No. 0030010-001-AC]

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Section C - Unit Specific Requirements for Roof Tile Forming and Coating Operations (EU 002)

- C.4. Quarterly Reports Submittal: Quarterly reports shall be submitted to the Department describing the monthly usage of all VOC containing products; the VOC content of all products; the monthly total VOC emissions. The quarterly reports shall be submitted by the 15th day of the following month after the end of each quarter (January-March, April-June, July-September, and October-December). The final report, which is due by the 15th of January for the quarter October -December, shall include a synopsis of the preceding year.

[Rule 62-4.070(3), F.A.C. and Permit No. 0030010-001-AC]

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SECTION D - GENERAL PERMIT CONDITIONS [RULE 62-4.160]

- D.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 these conditions.
- D.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.
- D.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.
- D.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.
- D.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.
- D.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.
- D.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 records 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.

PERMITTEE:

Hanson Roof Tile, Inc.
1340 Southwest 34th Avenue
Deerfield Beach, Florida 33442

I.D. Number: 0030010
Permit/Cert Number: 0030010-003- AF
Date of Issue: April 1, 2008
Expiration Date: January 29, 2012

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

SECTION D - GENERAL PERMIT CONDITIONS [RULE 62-4.160]

- D.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 noncompliance, 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.

- D.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.
- D.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.
- D.11.** This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 17-4.120 and 17-730.300, 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.
- D.12.** This permit or a copy thereof shall be kept at the work site of the permitted activity.
- D.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)

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SECTION D - GENERAL PERMIT CONDITIONS [RULE 62-4.160]

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

D.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.