



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Southwest District Office  
13051 North Telecom Parkway  
Temple Terrace, Florida 33637-0926

RICK SCOTT  
GOVERNOR

CARLOS LOPEZ-CANTERA  
LT. GOVERNOR

JONATHAN P. STEVERSON  
SECRETARY

## FINAL PERMIT

### PERMITTEE

Surecrete Design Products  
15246 Citrus County Drive  
Dade City, Florida 33523

Air Permit No. 1010496-006-AO  
Permit Expires: 12/14/2016  
Minor Air Operation Permit  
Project: Operation Permit Revision

Authorized Representative:  
Mr. Steve Thomas, President

This is the final permit for the revision of Air Operation Permit No. 1010496-004-AO for a facility that manufactures and distributes products for decorative concrete (Standard Industrial Classification No. 2851). This permit incorporates the conditions of the air construction permit 1010496-005-AC which added one cement silo, two sand silos, one new 600 cubic feet blender and a new dust collector and an increased the VOC and HAPs emissions limits associated with the Paint Blending and Manufacturing emissions unit (EU No. 001). The facility is located in Pasco County at 15246 Citrus County Drive, Dade City, Florida. The UTM coordinates are Zone 17, 383.30 km East, and 3139.91 km North. This facility also includes three adjacent addresses associated with various operations. The adjacent addresses under the control of Surecrete Design Products are 15308 and 15312 Citrus County Drive and 15317 Packing House Road. Note: Specific activities are not limited to just one address and each address will be used as required by customer demands and or operation of the business.

This final permit is organized by the following sections:

- Section 1. General Information
- Section 2. Administrative Requirements and Facility-wide Specific Conditions
- Section 3. Emissions Unit Specific Conditions
- Section 4. Appendices

Due to 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 hearing in accordance with Sections 120.569 and 120.57, F.S. Petitions filed by the applicant or any of the parties listed below must be filed within 14 days of receipt of this final permit. A petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. A petition for administrative hearing must contain the information set forth below and must be filed (received) with the Agency Clerk in the Office of General Counsel, 3900 Commonwealth Boulevard, MS 35, Tallahassee, Florida 32399-3000, [Agency.Clerk@dep.state.fl.us](mailto:Agency.Clerk@dep.state.fl.us), before the deadline. 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 (in a proceeding initiated by another party) will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the Permitting Authority's action is based must contain the following information: (a) The name and address of each agency affected and each agency's file or identification

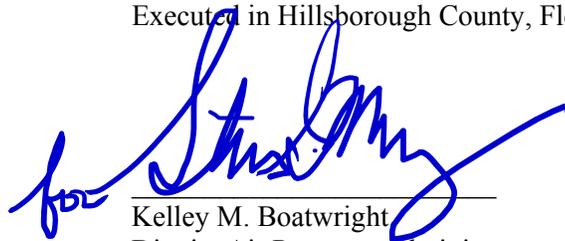
number, if known; (b) The name, address, any email address, telephone number and any facsimile number of the petitioner; the name, address, any email address, telephone number, and any facsimile number of the petitioner's representative, if any, which shall be the address for service purposes during 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 each petitioner received notice of the agency action or proposed 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 the 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 Permitting Authority'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, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Permitting Authority's final action may be different from the position taken by it in this final permit. Persons whose substantial interests will be affected by any such final decision of the Permitting Authority 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 Hillsborough County, Florida



Kelley M. Boatwright  
District Air Program Administrator  
Southwest District

02/16/2015  
Effective 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 the date indicated below to the persons listed below.

Mr. Steve Thomas, SureCrete Design Products ([stevethomas@surecretedesign.com](mailto:stevethomas@surecretedesign.com))

Mr. Robert E. Wallace, III, Environmental Engineering Consultants, Inc. ([rwallace@eec-tampabay.com](mailto:rwallace@eec-tampabay.com))

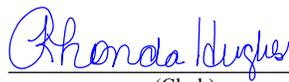
Mr. Marvin Scott, Environmental Engineering Consultants, Inc. ([mScott@eec-tampabay.com](mailto:mScott@eec-tampabay.com))

Ms. Illia Balcom, FDEP, Southwest District ([Illia.Balcom@dep.state.fl.us](mailto:Illia.Balcom@dep.state.fl.us))

Mr. Amaury Betancourt, FDEP, Southwest District ([Amaury.Betancourt@dep.state.fl.us](mailto:Amaury.Betancourt@dep.state.fl.us))

Clerk Stamp

**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)

02/16/2015  
(Date)

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**SECTION 1. GENERAL INFORMATION (FINAL)**

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**FACILITY AND PROJECT DESCRIPTION**

**Existing Facility**

The existing facility manufactures and distributes products for decorative concrete. Approximately three drums of hazardous waste (used solvents) are generated and removed from the facility by a licensed hauler per year.

The existing facility consists of the following emissions units (EUs).

<b>EU ID No.</b>	<b>Emissions Unit Description</b>
001	Paint Blending and Manufacturing
002	Raw Material Storage Silos
003	Building Dust Collector

***NOTE:** Please reference the Permit No., Facility ID, and Emission Unit ID in all correspondence, test report submittals, applications, etc.*

**FACILITY REGULATORY CLASSIFICATION**

- The facility is not a major source of hazardous air pollutants (HAPs).
- 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 62-213, 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 non-Title V source for the pollutants volatile organic compound (VOC) and hazardous air pollutants (HAPs). The emission limitations in this permit will ensure that the facility's VOC and HAPs emissions will be below the threshold for a Title V source.

**PERMIT HISTORY/AFFECTED PERMITS**

This permit revises Operation Permit No. 1010496-004-AO by incorporating terms and conditions of Construction Permit No. 1010496-005-AC.

**SECTION 2. ADMINISTRATIVE REQUIREMENTS AND FACILITY-WIDE SPECIFIC CONDITIONS  
(FINAL)**

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**ADMINISTRATIVE REQUIREMENTS**

1. Permitting Authority - The permitting authority for this project is the Florida Department of Environmental Protection (Department), Southwest District Office's Air and Solid Waste Permitting Program. The mailing address, phone number and e-mail address is:

Florida Department of Environmental Protection  
Southwest District Office  
Air and Solid Waste Permitting Program  
13051 North Telecom Parkway  
Temple Terrace, Florida 33637-0926  
Telephone: 813-470-5700  
E-mail: SWD\_Air\_Permitting@dep.state.fl.us

All documents related to applications for permits shall be submitted to the above e-mail address and/or address.

2. Compliance Authority - The compliance authority for this project is the Florida Department of Environmental Protection (Department), Southwest District Office's Compliance Assurance Program. The mailing address, phone number and e-mail address is:

Florida Department of Environmental Protection  
Southwest District Office  
Compliance Assurance Program  
13051 North Telecom Parkway  
Temple Terrace, Florida 33637-0926  
Telephone: 813-470-5700  
E-mail: SWD\_Air@dep.state.fl.us

All documents related to compliance activities such as reports, tests, and notifications shall be submitted to the above e-mail address and/or address.

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

**SECTION 2. ADMINISTRATIVE REQUIREMENTS AND FACILITY-WIDE SPECIFIC CONDITIONS  
(FINAL)**

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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 air 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 air 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. a copy of the compliance test reports required by Specific Condition Nos. B.8. and C.7., if not previously submitted; and
  - d. copies of the most recent month of records/logs specified in Specific Condition No. A.4.

The application shall be submitted to the Permitting Authority.

[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.]

**FACILITY-WIDE SPECIFIC CONDITIONS**

9. Volatile Organic Compounds (VOC) Emissions or Organic Solvents (OS) Emissions - In addition to complying with the Appendix C, Condition No. 6 (attached), the facility shall comply with the following:
  - a. Perform mixing operations with vessel lids in place;
  - b. All equipment, pipes, hoses, lids, fittings, etc., shall be operated/maintained in such a manner as to minimize leaks, fugitive emissions and spills of solvent materials.
  - c. All VOC/OS from washings (equipment clean-up) shall be directed into containers that prevent evaporation into the atmosphere.
  - d. Tightly cover or close all VOC and/or solvent containing vessels, drums, totes, etc., when they are not in use.
  - e. Prevent excessive air turbulence across exposed VOCs.
  - f. Immediately confine and clean up VOC spills and make sure wastes are placed in closed containers for reuse, recycling or proper disposal.
  - g. Perform bottom filling of mixing tanks whenever feasible.

[Rule 62-296.320(1)(a), F.A.C.; Construction Permit 1010496-005-AC]

**SECTION 3. EMISSION UNIT SPECIFIC CONDITIONS (FINAL)**

**A. EU No. 001 - Paint Blending and Manufacturing**

This section of the permit addresses the following emissions unit (EU).

EU ID No.	Emissions Unit Description
001	<p><u>Paint Blending and Manufacturing:</u></p> <p>The emissions unit blends both water-based and solvent-based paints and coatings from raw materials, and packages the finished product into containers. The solvents to be incorporated into the paints or coatings are received in 55-gallon drums, totes, and pails. Specific solvents and nonvolatile paint materials (pigment, resin, additive, defoamer and surfactants) are pumped from the totes or drums into cylindrical open top mixing containers (e.g. totes). The finished product is later transferred for filling into containers (usually one gallon or five gallon). Tank cleaning, when necessary, is performed by adding water to the tanks containing water based paints and a solvent, typically xylene or butylcellosolve (ethylene glycol mono butyl ether), to the solvent based paint tanks. The solvent is mixed in the covered tank to re-dissolve the paint. Subsequently, the solvent/paint may be transferred to a holding tank for addition to a similar batch of paint, or utilized directly as the starting point for the next batch of product.</p> <p>This operation is located in the facility’s main building and in three buildings adjacent to the main building. The address of the main building is 15246 Citrus Country Drive, Dade City. The address of the first adjacent building is 15308 Citrus County Drive, the second building is 15312 Citrus County Drive, and the address of the third building is 15317 Packing House Road, Dade City. Note: All mixing activities will take place inside these 4 addresses with the exception of the 6,000 gallon product storage tank which is located outside, just west of 15308 Citrus County Drive.</p>

**PERFORMANCE RESTRICTIONS**

- A.1. Hours of Operation - The hours of operation are not limited (8,760 hours per year).  
[Rules 62-4.070(3) and 62-210.200 (definition of Potential to Emit), F.A.C.; Construction Permit 1010496-005-AC]

**EMISSIONS STANDARDS**

- A.2. VOC Emissions Standard - Total emissions of volatile organic compounds (VOC) shall not exceed 9.8 tons per any consecutive 12-month period.  
[Construction Permit 1010496-005-AC]
- A.3. Total HAPs Emissions Standard - Total emissions of hazardous air pollutants (HAP) shall not exceed 9.8 tons per any consecutive 12-month period.  
[Construction Permit 1010496-005-AC]

**RECORDKEEPING AND REPORTING REQUIREMENTS**

- A.4. Monthly VOC/HAP Records - In order to document compliance with the VOC/HAP limitations of Specific Condition Nos. A.2. and A.3., the permittee shall maintain a monthly log based on the tracking of all HAP and/or VOC containing material used in association with manufacturing activities. The logs shall at a minimum, contain the following:

### SECTION 3. EMISSION UNIT SPECIFIC CONDITIONS (FINAL)

#### A. EU No. 001 - Paint Blending and Manufacturing

- a. The monthly total VOC emissions along with the most recent consecutive 12-month period total of VOC emissions (in Tons), segregated by activity source (e.g. Paint Manufacturing, Solvent Cleaning).
- b. The monthly total HAP emissions along with the most recent consecutive 12-month period total of HAP emissions (in Tons), segregated by activity source (e.g. Paint Manufacturing, Solvent Cleaning).
- c. VOC and HAP emissions shall be calculated from the amount of material processed/used based upon the following methods unless otherwise directed by the Department:
  1. Paint Manufacturing – Emissions shall be determined by mass composition analysis of raw materials (monthly usage) for VOC/HAP content and assuming 40 lbs. of emission per ton of VOC/HAP processed.
  2. Solvent Cleaning – Emissions shall be determined by mass composition analysis of solvents (monthly usage) for VOC/HAP content and assuming 100% emissions for that amount of solvent not recovered or disposed of.

All records shall contain the Facility Name, Facility ID No., Emission Unit No., and Month/Year. Supporting documentation such as VOC/HAP content, SDS or MSDS, purchase orders, etc. shall be kept for each material processed which includes sufficient information to determine emissions. Purchases of materials may be used as an acceptable estimate for usage and emissions, provided no materials are used which are not purchased.

If this is not done, for each chemical where the emission rate is not assumed equal to the usage, documentation shall be kept as to how emissions were calculated from usage (i.e. credit for material recovered/recycled, source/process specific emission factors used, operating hours basis, etc.).  
[Rule 62-4.070(3), F.A.C.; Construction Permit 1010496-005-AC]

- A.5.** Records Retention: The records required by this permit shall be completed by the end of the following month. The logs shall be retained on file at this facility for at least three years, and be made available to the Department upon request.  
[Rule 62-4.070(3), F.A.C.; Construction Permit 1010496-005-AC]

**SECTION 3. EMISSION UNIT SPECIFIC CONDITIONS (FINAL)**

**B. EU No. 002 - Raw Material Storage Silos**

This section of the permit addresses the following emissions unit (EU).

EU ID No.	Emissions Unit Description
002	<p><u>Raw Material Storage Silos:</u> This emissions unit includes the following equipment:</p> <ul style="list-style-type: none"><li>• one cement silo (Silo No. 1) with an annual throughput rate of approximately 2,100 tons/year and</li><li>• two sand silos (Silo Nos. 2 &amp; 3) with an annual throughput rate of approximately 2,125 tons/year each (4,250 tons/year combined).</li></ul> <p>To control particulate matter emissions, each silo will be equipped with a WAM Silotop Bin Vent Filter with a control efficiency of 99.995%. The silos will be located outside and at the southeast corner of the current facility building.</p>

**PERFORMANCE RESTRICTIONS**

- B.1. Authorized Materials** - The following materials may be processed through the three silos:
- a. Silo No. 1 - Cement
  - b. Silo Nos. 2 & 3 - Sand
- [Rule 62-210.200(“Potential to Emit”), F.A.C.; Construction Permit 1010496-005-AC]
- B.2. Operating Hours** - The facility is permitted to operate 8,760 hours per year (i.e., no restrictions on operating hours).  
[Rules 62-210.200, F.A.C. (“Potential to Emit”); Construction Permit 1010496-005-AC]

**EMISSIONS STANDARDS**

- B.3. Visible Emissions (VE)** – Visible emissions from each storage silo dust collector shall not exceed 5% opacity.  
[Rule 62-296.414(1), F.A.C.; Construction Permit 1010496-005-AC]

**COMPLIANCE TESTING REQUIREMENTS**

- B.4. Compliance Tests** - During each federal fiscal year (October 1<sup>st</sup> to September 30<sup>th</sup>), each storage silo included in this emissions unit shall be tested to demonstrate compliance with the emissions standards for visible emissions.  
[Rule 62-297.310 and 62-296.414(4), F.A.C.; Construction Permit 1010496-005-AC]
- B.5. Compliance Test Requirements** - Compliance tests shall be conducted in accordance with the applicable requirements specified in Appendix D (Common Testing Requirements) of this permit. Additionally, the following operating during testing requirements shall be implemented:
- Operating Rate During Testing - visible emissions tests of each storage silo dust collector shall be conducted while loading the storage silos at a rate that is representative of the normal loading rate. The minimum loading rate shall be 25 tons per hour unless such rate is unachievable in practice.
- [Rule 62-297.310 and 62-296.414(3), F.A.C.; Construction Permit 1010496-005-AC]

**SECTION 3. EMISSION UNIT SPECIFIC CONDITIONS (FINAL)**

**B. EU No. 002 - Raw Material Storage Silos**

**B.6.** Compliance Test Method - Required tests shall be performed in accordance with the following reference method.

Method	Description of Method and Comments
9	Visual Determination of the Opacity of Emissions from Stationary Sources

The above method is described in Appendix A of 40 CFR 60 and is 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.

[Rule 62-204.800 and 62-297.100, F.A.C.; and Appendix A of 40 CFR 60; Construction Permit 1010496-005-AC]

**NOTIFICATION REQUIREMENTS**

**B.7.** Test Notification - The permittee shall notify the Compliance Authority in writing 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.

*(Permitting Note - The notification should also include the relevant emission unit ID No(s), test method(s) to be used, and pollutants to be tested.)*

[Rules 62-4.070(3) and 62-297.310(7)(a)9., F.A.C.; Construction Permit 1010496-005-AC]

**RECORDKEEPING AND REPORTING REQUIREMENTS**

**B.8.** Compliance Test Reports - The permittee shall prepare and submit reports for all required compliance tests in accordance with the requirements specified in Appendix D (Common Testing Requirements) of this permit. To demonstrate compliance with the minimum loading rate requirements of Specific Condition No. B.6., include the following for the test period in the test report submittal:

- a. facility name, Emission Unit No., date;
- b. start and finish times of each storage silo loading;
- c. total quantity of material loaded (in tons); and
- d. actual storage silo loading rate in tons/hour.

Failure to submit this information may invalidate the test.

[Rule 62-4.070(3) and 62-297.310(8), F.A.C.; Construction Permit 1010496-005-AC]

**SECTION 3. EMISSION UNIT SPECIFIC CONDITIONS (FINAL)**

**C. EU No. 003 – Building Dust Collector**

This section of the permit addresses the following emissions unit (EU).

EU ID No.	Emissions Unit Description
003	<p><u>Building Dust Collector:</u></p> <p>This emissions unit includes a new HEPA dust collector that will exhaust outside of the building with 13 pickup points inside the facility’s main building (15246 Citrus Country Drive) to reduce potential dust inside and potential particulate matter (PM) emissions. The processes in the building involves transferring, mixing and packaging of mortar (cement and sand) and pigments. The annual material throughput rate (cement and sand combined) for processes in the building is approximately 6,350 tons/year. The dust collector is an Ultra Industries, Inc., model no. BD-81-100-III with a collection efficiency of 99.99% and a design air flow rate of 6,000 acfm. The 13 pickup points are summarized below:</p> <ol style="list-style-type: none"> <li>a. <u>Fill Hopper (pickup point no. 11)</u> - This includes four hoppers that are filled with sand by gravity. The facility has a bin that holds bulk sand up to 6000 lbs. The preload hoppers are placed on a scale under the sand bin and are loaded by weight to then be picked up and emptied into the blenders.</li> <li>b. <u>Pre-load Cement Hopper (pickup point no. 12)</u> – This hopper is loaded with the precise amount of mortar/cement or sand to be delivered to one of the four blenders. This preload hopper is <u>placed on a scale under the 4<sup>th</sup> conveyor from the cement silo and loaded with the precise amount of cement. It is then loaded into the blenders that do not have conveyors or are connected to the silos.</u></li> <li>c. <u>Four existing blenders (pickup point nos. 1 through 4)</u> – These blenders receive gravity feed sand and cement from a Pre-load Hopper. These hoppers are loaded with sand or cement from either point 11 or 12.</li> <li>d. <u>Two Air Packers (pickup point nos. 5 &amp; 6)</u> – The facility’s two air packers are located under the blenders and are used to transfer mortar into bags or buckets. One air packer is located under the (new) 600 cubic feet paddle blender and the other is located under an existing blender.</li> <li>e. <u>Two Auger Packers (pickup point nos. 7 &amp; 8)</u> - This packer is located under the blenders and is used to transfer mortar into bags or buckets. These two packers are located under two of the facilities four existing blenders.</li> <li>f. <u>One Bag Flattener (pickup point no. 9)</u> – Mortar bags are laid onto the bag flattener machine. The bag flattener is used only on the (new) 600 cubic feet paddle blender where the majority of the work will be done once it is operational. The filled bags are swept and vacuumed as they get conveyed through the flattener and then loaded on a pallet.</li> <li>g. <u>“Integral Color” station (pickup point ns. 10)</u> – At this station, color is blended and manually loaded into bags. This is a manual loaded 10 cubic foot blender for small batched of integral color.</li> <li>h. <u>Paddle Blender (pickup point no. 13)</u> – This paddle blender is filled with sand and cement from the three silos/screw conveyors. This is the (new) 600 cubic foot blender and is loaded automatically by load cells and a PLC.</li> </ol>

**SECTION 3. EMISSION UNIT SPECIFIC CONDITIONS (FINAL)**

**C. EU No. 003 – Building Dust Collector**

**PERFORMANCE RESTRICTIONS**

**C.1.** Hours of Operation - The hours of operation are not limited (8760 hours per year).  
[Rules 62-4.070(3) and 62-210.200 (definition of Potential to Emit), F.A.C.; Construction Permit 1010496-005-AC]

**EMISSIONS STANDARDS**

**C.2.** Visible Emissions (VE) – Visible emissions from the dust collector shall not exceed 5% opacity.  
[Rule 62-296.414(1), F.A.C.; Construction Permit 1010496-005-AC]

**COMPLIANCE TESTING REQUIREMENTS**

**C.3.** Compliance Tests - During each federal fiscal year (October 1<sup>st</sup> to September 30<sup>th</sup>), the emissions unit shall be tested to demonstrate compliance with the visible emissions standards.  
[Rule 62-297.310 and 62-296.414(4), F.A.C.; Construction Permit 1010496-005-AC]

**C.4.** Compliance Test Requirements - Compliance tests shall be conducted in accordance with the applicable requirements specified in Appendix D (Common Testing Requirements) of this permit. Additionally, visible emission testing of the dust collector shall be conducted during a period when the following operating conditions and events occur:

- a. Operation of the 600 cubic feet capacity paddle blender:
  - 1. during a loading event and
  - 2. during mixing operation.
- b. Operation of one air packer.
- c. Operation of the bag flattener machine.

[Rule 62-297.310, F.A.C.; Construction Permit 1010496-005-AC]

**C.5.** Compliance Test Method - Required compliance tests shall be performed in accordance with the following reference method.

<b>Method</b>	<b>Description of Method and Comments</b>
9	Visual Determination of the Opacity of Emissions from Stationary Sources

The above method is described in Appendix A of 40 CFR 60 and is adopted by reference in Rule 62-204.800, F.A.C. No other methods may be used unless prior written approval is received from the Department.  
[Rule 62-204.800, F.A.C.; Appendix A of 40 CFR 60; Construction Permit 1010496-005-AC]

## SECTION 3. EMISSION UNIT SPECIFIC CONDITIONS (FINAL)

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### C. EU No. 003 – Building Dust Collector

#### NOTIFICATION REQUIREMENTS

- C.6.** Test Notification - The permittee shall notify the Compliance Authority in writing 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.

*(Permitting Note - The notification should also include the relevant emission unit ID No(s), test method(s) to be used, and pollutants to be tested.)*

[Rules 62-4.070(3) and 62-297.310(7)(a)9., F.A.C.; Construction Permit 1010496-005-AC]

#### RECORDKEEPING AND REPORTING REQUIREMENTS

- C.7.** Compliance Test Reports - The permittee shall prepare and submit reports for all required compliance tests in accordance with the requirements specified in Appendix D (Common Testing Requirements) of this permit.

[Rule 62-297.310(8), F.A.C.]