



Florida Department of Environmental Protection

Southwest District
13051 N. Telecom Parkway
Temple Terrace, Florida 33637-0926

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

FINAL PERMIT

PERMITTEE

Aercon Florida LLC
3701 C.R. 544 East
Haines City, FL 33844

Authorized Representative:
Mr. Hojin Lee, Plant Manager

Air Permit No. 1050276-007-AC
Permit Expires: 06/30/2012
Minor Air Construction Permit
Project Name: Aerated Concrete Products
Manufacturing Facility

This is the final air construction permit, which authorizes replacement of silo vent filter particulate matter emission control devices at this aerated concrete products manufacturing facility (Standard Industrial Classification No. 3272), as described below. This permit also authorizes modifications to the facility air construction permit, as described below. This existing facility is located in Polk County at 3701 C.R. 544 East in Haines City, Florida. The UTM coordinates are Zone 17, 441.06 km East, and 3106.67 km North. As noted in the Final Determination provided with this final permit, no changes or only minor changes and clarifications were made to the draft permit.

This final permit is organized by the following sections:

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

Because of 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. This project is subject to the general preconstruction review requirements in Rule 62-212.300, F.A.C. and is not subject to the preconstruction review requirements for major stationary sources in Rule 62-212.400, F.A.C. for the Prevention of Significant Deterioration (PSD) of Air Quality.

Upon issuance of this final permit, 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 (Mail Station #35, 3900 Commonwealth Boulevard,

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 30 days after this order is filed with the clerk of the Department.

Executed in Hillsborough County, Florida

Mara Grace Nasca October 30, 2009
Mara Grace Nasca Effective Date
District Air Program Administrator
Southwest District

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Final Air Permit package (including the Final Determination, 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 11-02-2009 to the persons listed below.

Mr. Hojin Lee, Plant Manager, Aercon Florida LLC (hlee@aerconfl.com)

Mr. Lynn F. Robinson, P.E., Southern Environmental Sciences, Inc. (lrobinson@sesfla.com)

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.

Patricia Spinks 11-02-2009
(Clerk) (Date)

FACILITY AND PROJECT DESCRIPTION

Existing Facility

The existing permitted facility is an autoclaved aerated concrete products manufacturing plant. Operations include material handling, wet grinding of sand in a ball mill for sizing, concrete mixing and forming, and concrete cutting and boring. Sand, lime, cement, anhydrite and slag are the raw materials stored in silos (3) for use in batching the aerated concrete.

During the casting process the raw materials are sent to a main mixer. Aluminum powder, which is stored in a reinforced concrete bunker away from the main plant, is pre-mixed with water and the mix added to the other raw materials in the main mixer to form the slurry. A steel cage, which helps the cast to keep its block form, is placed in the mold, and the slurry is poured into the mold.

Reinforcing steel (rebar) is also inserted into the cast to provide additional strength to the block. The aluminum powder in the cast slurry causes a foaming reaction. Once the foam has fully escaped and the hydrogen bubbles are replaced by air, the aerated cast approximately doubles in size. The cast is solid enough to keep its form but it is still very soft. The soft cast is automatically placed through a cutting/trimming process and sent to the autoclave chamber. The autoclave chamber is pressurized to approximately 300 psi and the chamber is heated by a boiler (*which is exempt from permitting –see Exempt Emission Units/Activities below*). The pressure pushes the heat into the cast to allow the entire block to dry, harden and strengthen. The finished autoclaved aerated concrete product weighs approximately 50% less than would a standard concrete product.

The ball mill and mixer are in an enclosed building and do not vent to the atmosphere. Materials used in the process include (but are not limited to) cement, lime, slag and anhydrite.

The existing facility consists of the following emissions units.

Facility ID No. 1050276	
ID No.	Emission Unit Description
002	Lime Storage Silo
003	Cement/Slag/Anhydrite Storage Silo
004	Anhydrite/Slag Storage Silo
005	Boring Area
007	Cutting Area

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

Project Description and Affected Emission Units

This construction permit:

Provides after-the-fact authorization for replacement of the silo vent filter particulate matter emission control device on the south (cement) compartment of the two-compartment cement/slag/anhydrite storage silo (EU 003), from a Stanelle Model STAFI-Z baghouse to a new WAM Inc. SILOTOP® R01 Silo Venting Filter.

SECTION 1. GENERAL INFORMATION (FINAL)

Provides authorization for future replacement of the following silo vent filter particulate matter emission control device:

Replacement of the Stanelle Model STAFI-Z baghouse on the north compartment of the cement/slag/anhydrite storage silo (EU 003), with a new WAM Inc. SILOTOP® R01 Silo Venting Filter.

Replacement of the Stanelle Model STAFI-Z baghouse on the single-compartment anhydrite/slag storage silo (EU 004), with a new WAM Inc. SILOTOP® R01 Silo Venting Filter.

Revises the facility material handing/storage description to match the current operations and provide additional operating flexibility.

Incorporates the applicable requirements of Rule 62-296.414(2), F.A.C. (Concrete Batching Plants) to which certain operations at this facility are subject (EU's 002, 003 and 004).
(See *Specific Condition Nos. A.2., A.3., A.6., A.7., A.11. and A.12.*)

Removes the previous storage silo pounds/hour and tons/year particulate matter (PM) emission limitations.

Removes the April 26 target date for the annual VE compliance testing requirements (changed to testing every federal fiscal year without a target date).

This project will modify the following emissions units.

Facility ID No. 1050276	
ID No.	Emission Unit Description
003	Cement/Slag/Anhydrite Storage Silo
004	Anhydrite/Slag Storage Silo

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

Exempt Emission Units/Activities

The facility also contains the following insignificant or exempt from permitting emission sources:

- A two compartment damp sand silo which is loaded by an enclosed bucket elevator (insignificant emission source based on material moisture content and enclosed loading system).
- A 50 MMBtu/hour Johnston Model PFTE 4G250S natural gas fired boiler (exempt from permitting in accordance with the categorical exemption contained in Rule 62-210.300(3)(a)(2), F.A.C. based on actual natural gas usage).

(Permitting Note - The original construction permit (1050276-001-AC) assigned Emission Unit ID No. 001 to this boiler. Subsequent to this, this boiler was determined to be categorically exempt from air permitting.)

(NSPS Subpart Dc Recordkeeping Requirements Note: Since it is a natural gas fired only unit, this boiler is subject only to the recordkeeping requirement of New Source Performance Standards (NSPS) Subpart Dc. This requirement is contained in 40 CFR 60.48c(g,) which requires that "The owner or operator of each affected facility shall record and maintain records of the amounts of each fuel combusted during each day.")

SECTION 1. GENERAL INFORMATION (FINAL)

FACILITY REGULATORY CLASSIFICATION

- The facility is not a major source of hazardous air pollutants (HAP).
- 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 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 natural minor source of air pollution.

PERMIT HISTORY/AFFECTED PERMITS

This construction permit replaces all previous construction permits for this facility, and modifies operation permit 1050276-006-AO.

SECTION 2. ADMINISTRATIVE REQUIREMENTS (FINAL)

1. Permitting Authority - The permitting authority for this project is the Florida Department of Environmental Protection (Department), Southwest District's Air Resource Management Section. The Southwest District's mailing address and phone number is:

Florida Department of Environmental Protection
Southwest District Office
Air Resource Management Section
13051 North Telecom Parkway
Temple Terrace, Florida 33637-0926
Telephone: 813-632-7600

All documents related to applications for permits to operate an emissions unit shall be submitted to the above address.

2. Compliance Authority - All documents related to compliance activities such as reports, tests, and notifications shall be submitted to the Southwest District Office's Air Resource Management Section (see above mailing address and phone number).
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 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.]

SECTION 2. ADMINISTRATIVE REQUIREMENTS (FINAL)

7. Application(s) for Non-Title V Air Operation Permit Revision(s) - This permit authorizes construction of the silo vent filter particulate matter control devices (baghouses), and initial operation of those replacement control devices to determine compliance with Department rules. This permit also authorizes of operation of the existing emission units at this facility under the modified terms of this construction permit during this period. A Non-Title V air operation permit revision is required for continued operation of the permitted emissions units. The permittee shall apply for Non-Title V air operation permit revisions as follows.
- a. The permittee shall apply for Non-Title V air operation permit revision for the existing replacement baghouse control device for the south compartment of EU 003 (i.e., the cement compartment of Cement/Slag/ Anhydrite Storage Silo) within 90 days of conducting the visible emissions test required by Specific Condition No. A.4.
(Note - If the timing of the installation of one or both of the new baghouses (see b. below) allows for it, one operation permit revision application may be submitted to cover more than one installed baghouse.)
 - b. The permittee shall apply for Non-Title V air operation permit revisions for the new baghouse control devices for the north compartment of EU 003 (i.e., the slag compartment of the Cement/Slag/ Anhydrite Storage Silo), and for the single compartment of EU 004 (i.e., the Anhydrite/Slag Storage Silo) at least 90 days prior to expiration of this permit, but no later than 180 days after completing installation of each of the replacement control devices.
(Note - If the timing of the installation of the two baghouses allows for it, one operation permit revision application may be submitted to cover both newly installed baghouses. Also if the timing is appropriate, an operation permit revision may be applied for as part of applying for renewal of the facility air operation permit.)
 - c. To apply for a Non-Title V air operation permit revision, the applicant shall submit the following:
 - i. 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/>);
 - ii. the appropriate operation permit application fee from Rule 62-4.050(4)(a), F.A.C.; and
 - iii. copies of the visible emission (VE) compliance test reports required by Specific Condition Nos. A.4. and A.5., if not previously submitted.

All applications shall be submitted to the Permitting Authority.
[Rules 62-4.030, 62-4.050, and 62-4.220, F.A.C.]

SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS (FINAL)

A. EU Nos. 002, 003, and 004 - Material Storage Silos

This section of the permit addresses the following emissions units, which are further described below the table.

ID No.	Emission Unit Description	Compartments*	Associated Baghouse Control Device(s)
002	Lime Storage Silo	2	WAM Inc. SILOTOP® R01 Silo Venting Filters (2) (one for each compartment)
003	Cement/Slag/ Anhydrite Storage Silo	2	WAM Inc. SILOTOP® R01 Silo Venting Filters (south compartment) Stanelle Model STAFI-Z baghouse (north compartment) (authorized to be replaced with a WAM Inc. SILOTOP® R01 Silo Venting Filter)
004	Anhydrite/Slag Storage Silo	1	Stanelle Model STAFI-Z baghouse (authorized to be replaced with a WAM Inc. SILOTOP® R01 Silo Venting Filter)

* Compartments in storage silo (north and south for two compartment silos)

The emission sources addressed in this subsection consist of the following:

- A two-compartment (north and south) lime storage silo (EU 002). Each compartment is equipped with a WAM Inc. SILOTOP® R01 Silo Venting Filter (design airflow rate of 1,500 acfm) to control emissions of particulate matter.
- A two-compartment (north and south) silo for storage of cement, slag or anhydrite (EU 003). Particulate matter emissions from the south compartment are controlled by a new WAM Inc. SILOTOP® R01 Silo Venting Filter. Particulate matter emissions from the north compartment are currently controlled by a Stanelle Model STAFI-Z baghouse, which will be replaced with a new WAM Inc. SILOTOP® R01 Silo Venting Filter.
(Permitting Note - At the time of issuance of this permit the north compartment contained slag and the south compartment contained cement.)
- A single-compartment silo for storage of anhydrite or slag (EU 004). Particulate matter emissions from the silo are currently controlled by a Stanelle Model STAFI-Z baghouse, which will be replaced with a new WAM Inc. SILOTOP® R01 Silo Venting Filter.
(Permitting Note - At the time of issuance of this permit this silo contained anhydrite.)

PERFORMANCE RESTRICTIONS

A.1. Permitted Operating Hours - The hours of operation of these emission units are not limited (i.e., permitted for 8760 hours per year).
[Rules 62-4.070(3) and 62-210.200(PTE), F.A.C.]

(Potential to Emit Permitting Note - There are no production limits necessary to limit the potential to emit from this facility to a minor source level as estimates of potential particulate matter (PM))

SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS (FINAL)

A. EU Nos. 002, 003, and 004 – Material Storage Silos

emissions from these material storage silos (as well as emissions from the Boring and Cutting Area baghouses in Subsection B.) are based upon a worst case assumption that the baghouses all operated at maximum design exhaust air flows rates at the manufacturer's guaranteed outlet concentration for 8,760 hours per year. These potential emission estimates (a total of < 5TPY of PM emissions after baghouse emissions controls) show this facility to be well below major source levels.)

EMISSIONS STANDARDS

- A.2.** Visible Emissions (VE) Limitation - In accordance with Rule 62-296.414(1), F.A.C. (Concrete Batching Plants), visible emissions (VE) from silos, weigh hoppers (batchers) and other enclosed storage and conveying equipment associated with processing cement and other materials for the purpose of producing concrete shall be controlled to limit visible emissions to 5% opacity or less. This VE limitation applies to each of the EU 002, 003, and 004 storage silo compartments.
[Rule 62-296.414(1), F.A.C.]
- A.3.** Unconfined Emissions of Particulate Matter - 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 paragraph 62-296.320(4)(c), F.A.C. 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 stock pile height or installation of wind breaks to mitigate wind entrainment of particulate matter from stock piles.

[Rules 62-296.414(2)(Concrete Batching Plants), and 62-296.320(4)(c), F.A.C.]

TESTING REQUIREMENTS

- A.4.** Replacement Control Device VE Compliance Test For South Compartment of EU 003 - The replacement bin vent filter particulate matter emission control device for the south compartment of EU 003 (i.e., the cement compartment of the Cement/Slag/ Anhydrite Storage Silo) shall be tested to demonstrate compliance with the applicable visible emission (VE) standard. This VE compliance test shall be conducted not later than 60 days after Final issuance of this permit.
[Rules 62-4.070(3) and 62-297.310(7)(a)1, F.A.C.]

SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS (FINAL)

A. EU Nos. 002, 003, and 004 - Material Storage Silos

- A.5.** Initial Replacement Control Device VE Compliance Tests for North Compartment of EU 003, and For EU 004) - The replacement bin vent filter particulate matter emission control devices for the north compartment of EU 003 (i.e., the slag compartment of the Cement/Slag/ Anhydrite Storage Silo), and for the single compartment of EU 004 (i.e., the Anhydrite/Slag Storage Silo) shall be tested to demonstrate initial compliance with the applicable visible emission (VE) standard. The initial compliance test on each replacement control device shall be conducted not later than 45 days after completion of installation of the control device.
[Rules 62-4.070(3) and 62-297.310(7)(a)1, F.A.C.]
- A.6.** Annual Control Device VE Compliance Tests (EU’s 002, 003, 004) - During each federal fiscal year (October 1st to September 30th), each of the EU 002, 003, and 004 material storage silo bin vent filter particulate matter emission control devices shall be tested to demonstrate compliance with the applicable visible emissions (VE) standard.
[Rules 62-296.414(4)(b)(Concrete Batching Plants), and 62-297.310(7)(a)4., F.A.C.]
- A.7.** Compliance Test Requirements - Compliance tests shall be conducted in accordance with the applicable requirements specified in Appendix D (Common Testing Requirements) of this permit.
[Rule 62-297.310(7)(a)9., F.A.C.]
- A.8.** Compliance Test Method - Required tests shall be performed in accordance with the following reference method.

Method(s)	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 may be used unless prior written approval is received from the Department.

[Rules 62-204.800, 62-296.414(3)(Concrete Batching Plants), and 62-297.100, F.A.C.; and Appendix A of 40 CFR 60]

NOTIFICATION REQUIREMENTS

- A.9.** Compliance Test Notification - The permittee shall notify the Compliance Authority in writing at least 15 days prior to any required compliance 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.]

- A.10.** Notification of Completion of Installation of Replacement Control Devices - The permittee shall notify the Compliance Authority in writing of the date of completion installation of each of the new silo vent filter particulate matter emission control devices on EU 003 (north compartment) and EU 004, no later than fifteen (15) business days after each of those dates (if different). [Rule 62-4.070, F.A.C.]

SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS (FINAL)

A. EU Nos. 002, 003, and 004 - Material Storage Silos

RECORDS AND REPORTS

- A.11. 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. Each test report shall state the actual silo loading rate (pounds or tons/hour) during emissions testing, along with the material being loaded (*see also Specific Condition No. A.12.*).
[Rules 62-296.414(3)(c)(Concrete Batching Plants), and 62-297.310(8), F.A.C.]
- A.12. Operation During Compliance Testing - Each visible emission compliance test shall be conducted for a minimum of 30 minutes and shall include the period during which the highest opacity emissions can reasonably be expected to occur. Testing of visible emissions shall be conducted during loading of material storage silos at a minimum silo loading rate of 25 tons/hour, unless such rate is unachievable in practice. The test reports shall state the material being loaded and the estimated loading rate (tons/hour) during the test. Operating at conditions which do not reflect the normal operating conditions may invalidate the test.
[Rules 62-296.414(3)(c)(Concrete batching Plants), 62-297-310(2), and 62-297.310(4)(a)2 , F.A.C.]

SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS (FINAL)

B. EU Nos. 005 and 007 – Boring and Cutting Areas

This section of the permit addresses the following emissions units, which are further described below the table.

ID No.	Emission Unit Description	Associated Baghouse Control Device(s)
005	Boring Area	Dehume Model 45/10/15 baghouse
007	Cutting Area	HANDTE Model PF 12-120 cartridge filter

The emission sources addressed in this subsection consist of the following:

- A concrete product boring area (EU 005) equipped with a Dehume Model 45/10/15 baghouse to control emissions of particulate matter.
- A concrete product cutting area (EU 007) equipped with a HANDTE Model PF 12-120 cartridge filter baghouse to control emissions of particulate matter.

(Permitting Note: There is also a dry cutting area in a separate building (Outside Dry Cutting Area) that has a baghouse control device that exhausts back into the building. Since this does not exhaust to the outside, it is not considered an emission source.)

PERFORMANCE RESTRICTIONS

- B.1. Permitted Operating Hours** - The hours of operation of these emission units are not limited (i.e., permitted for 8760 hours per year).
[Rules 62-4.070(3) and 62-210.200(PTE), F.A.C.]

EMISSIONS STANDARDS

- B. 2. Visible Emission (VE) Limits** - The permittee shall not circumvent any air pollution control device or allow the emissions of air pollutants without the applicable air pollution control device (baghouses/silo filters) operating properly. In order to provide reasonable assurance that this requirement is being met for the, visible emissions (VE) from the boring area and cutting area baghouse exhaust stacks (EU's 005 and 007) shall not exceed 5% opacity. (See also *Appendix C, Item 2., Circumvention.*)
[Rules 62-4.070(3) and 62-210.650, F.A.C.; as previously established in Construction Permit 1050276-003-AC)]
- B.3. General Pollutant Emission Limiting Standards: Unconfined Emissions of Particulate Matter** - In order to provide reasonable assurance that adequate measures are being taken to control fugitive particulate matter emissions from inside buildings (*see Appendix C, Item 9.*), visible emissions from building openings should not exceed 5% opacity. Visible emissions in excess of this level will not be considered as a violation in and of itself, but shall be an indication that additional fugitive emission control measures beyond those in place may be necessary.
[Rules 62-4.070(3), and 62-296.320(4)(c), F.A.C.; as previously established in Construction Permit 1050276-003-AC)]

SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS (FINAL)

B. EU Nos. 005 and 007 – Boring and Cutting Areas

TESTING REQUIREMENTS

- B.4.** Annual Control Device VE Compliance Tests - During each federal fiscal year (October 1st to September 30th), the Boring Area and the Cutting Area particulate matter emission control devices shall each be tested to demonstrate compliance with the applicable visible emissions (VE) standard.
[Rule 62-297.310(7)(a)4., F.A.C.]
- 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. [Rule 62-297.310(7)(a)9., F.A.C.]
- B.6.** Test Method(s) - Required tests shall be performed in accordance with the following reference method.

Method(s)	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 may be used unless prior written approval is received from the Department.

[Rules 62-204.800 and 62-297.100, F.A.C.; and Appendix A of 40 CFR 60]

- B.7.** Operation During Compliance Testing - Each visible emission compliance test shall be conducted for a minimum of 30 minutes and shall include the period during which the highest opacity emissions can reasonably be expected to occur. Testing of visible emissions shall be conducted during the normal equipment operating conditions for the boring and cutting areas. The test reports shall include a description of the equipment operating during the test period. Operating at conditions during the testing which do not reflect the normal operating conditions may invalidate the test.
[Rule 62-297-310(2), 62-297.310(4)(a)2 F.A.C.; as previously established in Construction Permit 1050276-003-AC]

NOTIFICATION REQUIREMENTS

- B.8.** 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.]