Florida Department of Environmental Protection

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

Rick Scott
Governor

Jennifer Carroll
Lt. Governor

Herschel T. Vinyard Jr.
Secretary

FINAL PERMIT

PERMITTEE

CF Industries, Inc.
P.O. Drawer L
Plant City, Florida 33564

Authorized Representative:
Mr. Herschel E. Morris, Vice-President Phosphate Operations & General Manager

Air Permit No. 0570005-044-AC
Permit Expires: 09/01/2013
Site Name : Plant City Phosphate Complex
Minor Air Construction Permit
Project Name: Permit Modifications Concurrently Processed with the Title V Renewal

This is the final air construction permit, which authorizes modifications to several existing permit conditions that will be incorporated into Title V Renewal Permit 0570005-041-AV. The project also authorizes the replacement of the rubber-lined steel shell of the existing cyclonic scrubber in the "A" Phosphoric Acid Plant. The proposed work will be conducted at the Plant City Phosphate Complex (Standard Industrial Classification No. 2874). The facility is located in Hillsborough County at 10608 Paul Buchman Highway, Plant City, Florida. The UTM coordinates are Zone 17, 388.0 km East, and 3116.0 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 and Facility-wide Specific Conditions

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

_____ _____

Cindy Zhang-Torres, P.E. Effective Date
Air Permitting Manager
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 _____ to the persons listed below.

Mr. Herschel E. Morris, CF Industries, Inc. (hmorris@cfindustries.com)
Mr. Ronald L. Brunk, CF Industries, Inc. (rbrunk@cfindustries.com)
Ms. Veronica Sgro, Koogler and Associates, Inc. (vsgro@kooglerassociates.com)
Ms. Diana Lee, EPC of Hillsborough County (Lee@epchc.org)

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) (Date)

FACILITY AND PROJECT DESCRIPTION

Existing Facility

The existing facility consists of the following emissions units.

Facility ID No. 0570005	
ID No.	Emission Unit Description
001	Johnson Scotch Marine Type Boiler
002	"A" Sulfuric Acid Plant
003	"B" Sulfuric Acid Plant
004	"A" Phosphoric Acid Plant
007	"C" Sulfuric Acid Plant
008	"D" Sulfuric Acid Plant
009	"B" Phosphoric Acid Plant
010	"A" DAP/MAP Plant
011	"Z" DAP/MAP Plant
012	"X" DAP/MAP Plant
013	"Y" DAP/MAP Plant
014	"A & B" Storage Buildings
015, 018, 019, 020	"A & B" Storage, Sizing and Shipping
022, 023, 024, 033	Molten Sulfur Storage and Handling
032	Phosphoric Acid Cleanup Unit (PACU)
100	Phosphogypsum Stack
099	Unregulated Facility Fugitive Emissions

Project Description and Affected Units

This project modifies or revises several existing permit conditions which will be incorporated into Title V Renewal Permit No 0570005-041-AV. These modifications were requested by the applicant in the permit renewal application submitted to the Department on March 3, 2010. This project also authorizes the replacement of the rubber-lined steel shell of the existing cyclonic scrubber in the "A" Phosphoric Acid Plant, with a stainless steel shell of identical dimensions. This project is not expected affect scrubber operations, performance or result in increased emissions from the unit.

This project will modify the following emissions units.

Facility ID No. 0570005	
ID No.	Emission Unit Description
001	Johnson Scotch Marine Type Boiler
004	"A" Phosphoric Acid Plant
009	"B" Phosphoric Acid Plant
011	"Z" DAP/MAP Plant

012	"X" DAP/MAP Plant
013	"Y" DAP/MAP Plant

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 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 a Title V major source of air pollution in accordance with Chapter 213, F.A.C.
- The facility is a major stationary source in accordance with Rule 62-212.400(PSD), F.A.C.

PERMIT HISTORY/AFFECTED PERMITS

Modifies Permit Nos. 0570005-004-AC; Cross Reference with Permit No. 0570005-032-AV

SECTION 2. ADMINISTRATIVE REQUIREMENTS AND FACILITY-WIDE SPECIFIC CONDITIONS (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 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 Environmental Protection Commission of Hillsborough County (EPC). The mailing address and phone number of the EPC is:

   Environmental Protection Commission of Hillsborough County
   Air Management Division
   3629 Queen Palm Drive
   Tampa, Florida 33619
   Telephone: 813-627-2600

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.]

7. Source Obligation:

   a. At such time that a particular source or modification becomes a major stationary source or major modification (as these terms were defined at the time the source obtained the enforceable limitation) solely by virtue of a relaxation in any enforceable limitation which was established after August 7, 1980, on the capacity of the source or modification otherwise to emit a pollutant, such as a restriction on hours of operation, then the requirements of subsections 62-212.400(4) through (12), F.A.C., shall apply to the source or modification as though construction had not yet commenced on the source or modification.

   b. At such time that a particular source or modification becomes a major stationary source or major modification (as these terms were defined at the time the source obtained the enforceable limitation) solely by exceeding its projected actual emissions, then the requirements of subsections 62-212.400(4) through (12), F.A.C., shall apply to the source or modification as though construction had not yet commenced on the source or modification.

   [Rule 62-212.400(12), F.A.C.]

8. Actual Emissions Reporting: This permit is based on an analysis that compared baseline actual emissions with projected actual emissions and avoided the requirements of subsection 62-212.400(4) through (12), F.A.C. for fluorides. Therefore, pursuant to Rule 62-212.300(1)(e), F.A.C., the permittee is subject to the following monitoring, reporting and recordkeeping provisions.

   a. The permittee shall monitor the emissions of any PSD pollutant that the Department identifies could increase as a result of the construction or modification and that is emitted by any emissions unit that could be affected; and, using the most reliable information available, calculate and maintain a record of the annual emissions, in tons per year on a calendar year basis, for a period of 5 years following resumption of regular operations after the change. Emissions shall be computed in accordance with the provisions in Rule 62-210.370, F.A.C., which are provided in Appendix C of this permit.

   b. The permittee shall report to the Department within 60 days after the end of each calendar year during the 5-year period setting out the unit's annual emissions during the calendar year that preceded submission of the report. The report shall contain the following:

      1) The name, address and telephone number of the owner or operator of the major stationary source;

      2) The annual emissions as calculated pursuant to the provisions of 62-210.370, F.A.C., which are provided in Appendix C of this permit;

      3) If the emissions differ from the preconstruction projection, an explanation as to why there is a difference; and

      4) Any other information that the owner or operator wishes to include in the report.

   c. The information required to be documented and maintained pursuant to subparagraphs 62-212.300(1)(e)1 and 2, F.A.C., shall be submitted to the Department, which shall make it available for review to the general public.

   For this project, the Department requires the annual reporting of actual Fluorides (F) emissions for Emissions Unit ID 004.

[Permit Application dated 3/2/2010 and additional information letter dated 7/15/2011 ; Rules 62-212.300(1)(e) and 62-210.370, F.A.C.]

9. 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.]

10. Application for Title V Air Operation Permit: A Title V permit revision is not required for this construction modification. This construction permit is being processed concurrently with a Title V renewal application (0570005-041-AV), which incorporates the changes made in this construction permit.

A. EU Nos. 001, 004, 009, 011, 012 & 013

This section of the permit addresses the following emissions units.

ID No.	Emission Unit Description
001	Johnson Scotch Marine Type Boiler
004	"A" Phosphoric Acid Plant
009	"B" Phosphoric Acid Plant
011	"Z" DAP/MAP Plant
012	"X" DAP/MAP Plant
013	"Y" DAP/MAP Plant

PREVIOUS APPLICABLE REQUIREMENTS

A.1. Requirements in this section supersede previously issued air construction and operation permits for the emissions units listed above. Except for the changes specified in the conditions below, the emissions units remain subject to the conditions of all other valid air construction and operation permits.
[Rule 62-4.070(3), F.A.C.]

E.U. NO. 001 - TESTING REQUIREMENTS

A.2. The testing requirements for this emissions unit (previously specified in Permit 0570005-032-AV) shall be modified as follows:

From:

A.5. During each federal fiscal year (October 1 – September 30), unless otherwise specified by rule, order, or permit, the owner or operator of each emissions unit shall have a formal compliance test conducted for visible emissions.
[Rule 62-297.310(7)(a)4., F.A.C.]

A.6. The Permittee shall conduct a visible emissions test that demonstrates compliance with the applicable limiting standard prior to obtaining a renewed operation permit. The Permittee may submit the most recent annual compliance test to satisfy the requirements of this provision. In renewing an air operation permit pursuant to specific condition **A.7.** below [Rule 62-210.300(2)(a)3.b. or c., F.A.C.], the Department shall not require submission of emission compliance test results for any emissions unit that, during the year prior to renewal: (a) Did not operate; or (b) in the case of a fuel burning emissions unit, burned liquid and/or solid fuel for a total of no more than 400 hours.
[Rule 62-297.310(7)(a)3., F.A.C.]

To:

Compliance Tests Prior To Renewal. Compliance tests shall be performed for the boiler (E.U. ID No. 001) once every 5 years. The tests shall occur during the 12-month

period prior to submitting the Title V Air Operation Permit renewal application to demonstrate compliance with the visible emission limits of this emissions unit. [Rules 62-210.300(2)(a) and 62-297.310(7)(a), F.A.C.]

{Permitting Note: See Permit 0570005-032-AV for "From" conditions}

E.U. NO. 004 AND 009 - TESTING REQUIREMENTS

A.3. The compliance test report requirements for this emissions unit (previously specified in Permit 0570005-032-AV) shall be modified as follows:

From:

C.5. A summary of the following process data shall be included in any compliance test report:

A. the process input rate in tons/hour and tons/day expressed as 100% rock P_2O_5

B. the raw material input rates, i.e., sulfuric acid, rock slurry, and water, and

C. the start and end time for the rate determination.

[Rule 62-4.070(3), F.A.C.]

To:

Test Report Records. A summary of the following process data shall be included in any compliance test report:

a. the process input rate in tons/hour and tons/day expressed as 100% rock P_2O_5

b. the start and end time for the rate determination.

[Rule 62-4.070(3), F.A.C.; Construction Permits 0570005-008-AC and 0570005-009-AC]

{Permitting Note: See Permit 0570005-032-AV for "From" conditions.}

E.U. NOS. 011, 012 AND 013 - PERFORMANCE RESTRICTIONS

A.4. The Permitted Capacities for these emissions units (previously specified in Permit 0570005-032-AV) shall be modified as follows:

From:

E.1. Capacity.

The following are the maximum permitted input limits for the **X** Train:

RAW MATERIAL INPUT (TPH)

Mode	P_2O_5 Input(TPH)	Phos. Rock	Acid (H_3PO_4)	NH_3	Operating Time(hr/yr)
DAP	48.7	0.0	122.3	23.1	7,884
MAP	55.0	0.0	130.6	14.1	6,091

The following are the maximum permitted input limits for the **Y** Train:

RAW MATERIAL INPUT (TPH)

Mode	P_2O_5 Input(TPH)	Phos. Rock	Acid (H_3PO_4)	NH_3
DAP	48.7	0.0	122.3	23.1
MAP	55.0	0.0	130.6	14.1

Hours of Operation. The Y-Train is allowed to operate continuously, i.e., 8760 hours/year.

[Rule 62-210.200, F.A.C., Definitions (PTE)]

The following are maximum permitted input limits for the **Z** train:

RAW MATERIAL INPUT (TPH)

Mode	P_2O_5 Input(TPH)	Acid (H_3PO_4)	NH_3
DAP	48.7	122.3	23.1
MAP	55.0	130.6	14.1

Hours of Operation. The Z-Train is allowed to operate continuously, i.e., 8760 hours/year.
[Rule 62-210.200, F.A.C., Definitions (PTE)]

The Permittee shall maintain logs that can be used to determine compliance with these restrictions. These logs shall include the hourly quantity of phosphoric acid feed to the plant and the daily P_2O_5 content of the acid.

[Air Construction Permit 0570005-004-AC; Rules 62-4.070(3) and 62-210.200(PTE), F.A.C.]

To:

Permitted Capacity. The following emissions units are limited to the following maximum daily average P_2O_5 input rates:

E.U. ID. No.	Brief Description	Permitted Variable	DAP Mode	MAP Mode
011	Z" DAP/MAP Plant	P_2O_5 Input (tons/hour)	48.7	55.0
012	X" DAP/MAP Plant	P_2O_5 Input (tons/hour)	48.7	55.0
		P_2O_5 Input (tons/year)	383,950	335,000
013	Y" DAP/MAP Plant	P_2O_5 Input (tons/hour)	48.7	55.0

[Permit Application dated 3/2/2010; Rules 62-4.070(3) and 62-210.200(PTE), F.A.C.]

Hours of Operation. These plants are allowed to operate continuously, i.e., 8760 hours/year.

[Permit Application dated 3/2/2010; Rules 62-4.070(3) and 62-210.200(PTE), F.A.C.]

{Permitting Note: See Permit 0570005-032-AV for "From" conditions.}

E.U. NOS. 011, 012 AND 013 - RECORDS AND REPORTS

A.5. The recordkeeping requirements for these emissions units (previously specified in Permit 0570005-032-AV) shall be modified as follows:

From:

E.10.a. To provide reasonable assurance of continuous compliance with Conditions **E.1** and **E.4**, the Permittee shall maintain a daily log for each Train. The log at a minimum shall include the following:

(1) Date
(2) Total operating hours.
(3) At least once every 12 hours record the product mode (DAP or MAP) and the average P_2O_5 input rate in tons/hr.
(4) An area on the log shall indicate the current allowable P_2O_5 input rate: the rate at which the last compliance test was conducted plus 10%, or the P_2O_5 input rate limit from Condition E.1., whichever rate is lower.
(5) The hourly quantity of phosphoric acid feed to the plant.
(6) The daily P_2O_5 content of the acid.
(7) Each type and quantity of fuel used.
(8) When using fuel oil, the daily average MMBTU/hr. heat input rate to the dryer.
(9) After switching to fuel oil to fire the dryer following a compliance test conducted using natural gas, record the hours the dryer was fired with fuel oil and the cumulative total time of fuel oil use to determine when the 400th hour testing requirement is triggered.

[Rule 62-4.070(3), F.A.C., Air Construction Permit 0570005-004-AC; and 40 CFR 64]

To:

Daily Records. To provide reasonable assurance of continuous compliance with the maximum permitted for P2O5 input rates and the maximum heat input rates, the Permittee shall maintain a daily log for each train. The log at a minimum shall include the following:

(1) The Facility ID (0570005) and Emission Unit ID Number.
(2) The date.
(3) The total operating hours.
(4) At least once every 12 hours record:
    (a) the product mode (DAP or MAP) and
    (b) the average P_2O_5 input rate in tons/hr.

(5) An area on the log shall indicate:
   (a) the current allowable P_2O_5 input rate:
   (b) the rate at which the last compliance test was conducted plus 10%, or the P_2O_5 input rate limit from Condition E.1., whichever rate is lower.
(6) Each type and quantity of fuel used.
(7) When using fuel oil, the daily average MMBTU/hr. heat input rate to the dryer.
(8) After switching to fuel oil to fire the dryer following a compliance test conducted using natural gas, record:
   (a) the hours the dryer was fired with fuel oil for the day and
   (b) the cumulative total hours of fuel oil use to determine when the 400th hour testing requirement is triggered.

[Permit Application dated 3/2/2010; Rule 62-4.070(3), F.A.C., and 40 CFR 64]

{Permitting Note: See Permit 0570005-032-AV for "From" conditions.}

B. EU No. 004

This section of the permit addresses the following emissions unit.

ID No.	Emission Unit Description
004	**"A" Phosphoric Acid Plant** The "A" Phosphoric Acid Plant has a maximum permitted production rate of 1,699 tons per day of 100% phosphoric acid. Fluoride emissions from this plant are controlled by a cyclonic scrubber followed by a packed bed scrubber with "Kimre" packing or equivalent packing. Typical gas flow rate through the scrubbers is approximately 43,000 DSCFM. The scrubber system uses pond water as the scrubbing liquid. The scrubber system's approximate normal operating parameters are: liquid flow rate to the packed bed scrubber - 1210 gpm at 40 psig and total gas pressure drop across the scrubbers - 9 inches w.g. (approximately 7" w.g. across the cyclonic scrubber and 2" across the packed bed scrubber). This permit authorizes the replacement of the cyclonic scrubber's rubber-lined steel shell with a stainless steel shell of identical dimensions. This project is not expected affect scrubber operations, performance or result in increased emissions from the unit.

PERFORMANCE RESTRICTIONS

B.1. Federal Regulatory Requirements: This emissions unit is subject to the applicable requirements contained in:

a. 40 CFR 60, Subpart T - Standards of Performance for the Phosphate Fertilizer Industry: Wet-Process Phosphoric Acid Plant;
b. 40 CFR 60, Subpart A - General Provisions.
c. 40 CFR 63, Subpart AA - National Emission Standards for Hazardous Air Pollutants From Phosphoric Acid Manufacturing Plants; and
d. 40 CFR 63, Subpart A - General Provisions.

[Rules 62-213.440 and 62-204.800, F.A.C.; 40 CFR 60, Subpart T and 40 CFR 63 Subpart AA]

B.2. Permitted Capacity: The process input rates corresponds to the "equivalent P_2O_5 feed". The following maximum rates shall not be exceeded:

Maximum Process Input Rate
70.8 tons/hour of 100% P_2O_5 (daily average)
1,699 tons/day of 100% P_2O_5
620,208 tons per any consecutive 12 month of 100% P_2O_5

[Rules 62-4.160(2) and 62-210.200(Definitions – Potential to Emit (PTE)), F.A.C.; Construction Permit 0570005-021-AC/PSD-FL-355]

B.3. Restricted Operation

a. The plant is allowed to operate continuously, i.e., 8760 hours/year.
b. When the scrubbing system in the "A" PAP is not operating, the hours of transferring phosphoric acid to and from storage tanks and operation of evaporation process in the "A" PAP are limited to 730 hours per year.

[Construction Permit 0570005-037-AC; Rules 62-4.070(3) and 62-210.200 (PTE), F.A.C.]

EMISSIONS STANDARDS

B.4. Fluorides Emissions Standards: Total fluorides (F) emissions shall not exceed any of the following limits:

Maximum Total Fluorides (F) Emissions
0.012 pound/ton of "equivalent P_2O_5 feed"
0.85 pounds/hour
3.7 tons/year
"equivalent P_2O_5 feed" means the quantity of phosphorus, expressed as phosphorus pentoxide, fed to the process as rock P_2O_5.

{Permitting Note: The above limits are more stringent than those specified in Rule 62-296.403, F.A.C.; 40 CFR 60 Subpart T; and 40 CFR 63, Subpart AA}

[Construction Permit 0570005-021-AC/PSD-FL-355]

B.5. The Permittee shall determine compliance with the total fluorides emissions rates in Specific Condition **B.4.** using the calculations and procedures specific in 40 CFR 63.606(c)) [Rule 62-204.800(11), F.A.C.; 40 CFR 63.606(c)]

TESTING REQUIREMENTS

B.6. Initial Compliance Tests: The emissions unit shall be tested to demonstrate initial compliance with the emissions standards for Fluoride. The initial tests shall be conducted no later than 90 days after initial operation of the unit after the replacement of the cyclonic scrubber's shell. [Rules 62-4.070(3) and 62-297.310(7)(a)1, F.A.C.]

B.7. Compliance Tests After Initial Testing: During each federal fiscal year (October 1st to September 30th), the emissions unit shall be tested to demonstrate compliance with the emissions standards for Fluoride. [Rule 62-297.310, F.A.C.]

B.8. Test Requirements: Tests shall be conducted in accordance with the applicable requirements specified in Appendix D (Common Testing Requirements) of this permit. [Rule 62-297.310, F.A.C.]

B.9. Test Method(s): Required tests shall be performed in accordance with the following reference method(s).

Method(s)	Description of Method and Comments
1-4	Traverse Points, Velocity and Flow Rate, Gas Analysis, and Moisture Content
13A	Determination of Total Fluoride Emissions from Stationary Sources – SPADNS – Zirconium Lake Method
13B	Determination of Total Fluoride Emissions from Stationary Sources – Specific Ion Electrode Method (without distillation)

The above method(s) are described in Appendix A of 40 CFR 60 and are 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.
[Rules 62-204.800 and 62-297.100, F.A.C.; and Appendix A of 40 CFR 60]

NOTIFICATION REQUIREMENTS

B.10. Test Notification: The permittee shall notify the Compliance Authority in writing at least 60 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.; 40 CFR 63.7]

B.11. Notification of Operation Commencement: After the modification to replace the cyclone scrubbers shell has been completed, the permittee shall notify the Compliance Authority in writing of the date of commencing operation of the EU No. 004, no later than fifteen (15) days after that date. Commencing operation means setting into operation of any emissions unit for any purpose.
[Rule 62-4.070, F.A.C., and Rule 62-210.200, F.A.C., (Definition of Commence Operation)]

RECORDS AND REPORTS

B.12. Test Reports: The permittee shall prepare and submit reports for all required tests in accordance with the requirements specified in Appendix D (Common Testing Requirements) of this permit.
[Rule 62-297.310(8), F.A.C.]

{Permitting Note: All other conditions in the Title V permit (0570005-041-AV) for E.U. No. 004 remains unchanged.}