



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

Master Containers, Inc.
209 S. Phosphate Boulevard
Mulberry, FL 33860

Authorized Representative:
Mr. Michael Liese, General Manager

Air Permit No. 1050312-009-AF
Permit Expires: 10/26/2017
Mulberry Facility
Federally Enforceable State Operation
Permit (FESOP)
Operation Permit Renewal

This is the final permit to renew Air Operation Permit No. 1050312-008-AF for an expandable polystyrene container manufacturing operation at Master Containers, Inc. (Standard Industrial Classification No. 3086). The facility is located in Polk County at 209 South Phosphate Boulevard in Mulberry, Florida. The UTM coordinates are Zone 17, 404.3 km East, and 3085.6 km North.

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 proceeding (hearing) under sections 120.569 and 120.57 of the Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. Petitions filed by the permit applicant or any of the parties listed below must be filed within fourteen days of receipt of this notice of final permit. Petitions filed by any persons other than those entitled to written notice under section 120.60(3) of the Florida Statutes must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of final permit, whichever occurs first. Under section 120.60(3), however, any person who asked the Department for notice of agency action may file a petition within fourteen days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. 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 will be only at the approval of the presiding officer upon the filing of a motion in compliance with rule 28-106.205 of the Florida Administrative Code.

All petitions filed under these rules shall contain:

- (a) The name and address of each agency affected and each agency's file or identification number, if known;
- (b) The name, address, and telephone number of the petitioner; the name, address, and telephone 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 the petitioner received notice of the agency 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 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 Department'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 of the Florida Administrative Code.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any such final decision of the Department 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 10/26/12
Kelley M. Boatwright Effective Date
District Air Permitting Administrator
Southwest District

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.

Michael Liese, Master Containers, Inc. (mliese@mastercontainers.com)
Jim Estler, QEP, Clean Air Consulting, Inc. (estlerj@aol.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.

Carol S. Moore 10/26/12
(Clerk) (Date)

SECTION 1. GENERAL INFORMATION (FINAL)

FACILITY AND PROJECT DESCRIPTION

This is an expandable polystyrene container manufacturing facility. The existing facility consists of the following emissions units.

Facility ID No. 1050312	
ID No.	Emission Unit Description
001	Expandable Polystyrene Container Manufacturing Unit
002	600 HP Boiler

Exempt Emission Units/Activities

- 600-HP Boiler (Boiler #2/East) fired exclusively with natural gas at a maximum heat input rate of 20.1 MMBTU/hr. The boiler is exempt from permitting pursuant to Rule 62-210.300(3)(a)34., F.A.C. and 40 CFR 60, Subpart Dc - Standards of Performance for Small-Industrial-Institutional Steam Generation, since the boiler complies with: 1) maximum heat input rate equaling 100 MMBTU/hr or less; 2) burns no more than 150 million standard cubic feet of natural gas per year or one million gallons of propane; and 3) constructed on or before June 9,1989.

- The total VOC emissions from both boilers and from the usage of miscellaneous solvents for clean-up will not exceed one (1.0) ton per any consecutive 12-month period. The VOC emissions and other emissions from the boilers are deemed insignificant pursuant to Rule 62-4.040, F.A.C.

Exemptions under Rule 62-4.040(1)(b), F.A.C., may be revoked if the installation is substantially modified or the basis for the exemption is determined to be materially incorrect.

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 pollutant VOC. The emission limitations, pentane content limitation, polystyrene bead limitations and BACT determination in this permit will ensure that the facility’s VOC emissions will be below the threshold for a Title V source.

PERMIT HISTORY/AFFECTED PERMITS

Replaces Permit No. 1050312-008-AF.

**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 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; and
 - e. Appendix E. Best Available Control Technology; and
 - f. Appendix F. 40 CFR 60, Subpart A, General Provisions; and
 - g. Appendix G. 40 CFR 60, Subpart Dc, Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units.
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 AND FACILITY-WIDE SPECIFIC
CONDITIONS (FINAL)**

7. Reasonable Precautions: In order to prevent the emissions of unconfined particulate matter (PM), the permittee shall comply with the following reasonable precautions:

- a. Exercise good housekeeping at all times;
- b. Maintain roads, parking areas and yards under the control of the owner/operator; and
- c. Make appropriate plant personnel aware of the environmental requirements of this permit.

[Rule 62-296.320(4)(c), F.A.C.; Operation Permit 1050312-001-AF; Attachment D of Permit Application dated March 19, 1999]

8. Work Practices: The permittee shall comply with the following:

- a. Maintain tightly fitting covers, lids, etc., on all containers of VOC and organic solvents (OSs) when they are not being handled, tapped, etc;
- b. Prevent excessive air turbulence across exposed OSs/VOC;
- c. Where possible and practical, procure/fabricate a tightly fitting cover for any open trough, basin, bath, etc., of OSs/VOC so that it can be covered when not in use;
- d. All fittings, valve lines, etc. utilizing OS/VOC containing materials shall be properly maintained; and
- e. All OS/VOC spills shall be attended to immediately and the waste properly disposed of, recycled, etc.

[Rule 62-296.320(1), F.A.C.; Operation Permit 1050312-001-AF]

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. Operation Permit Renewal Application: A completed application for renewal of the 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 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. copies of the most recent compliance test reports required by Specific Condition No. B.11., if not previously submitted; and

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

- d. copies of the most recent month of records/logs specified in Specific Condition No(s).
A.5., B.12., B.13. and B.14.

[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.]

SECTION 3. EMISSION UNIT SPECIFIC CONDITIONS (FINAL)

A. EU No. 001 Expandable Polystyrene Container Manufacturing Unit

This section of the permit addresses the following emissions unit.

ID No.	Emission Unit Description
001	<p>Expandable polystyrene beads are received in insulated 2,204.6 pound bags. When the beads arrive they are almost the size of crystals and have a maximum pentane content of 6.3% by weight. The bags are transported to an expander area where they are opened and the beads are blended before being manually fed into the machines. The beads are heated with steam from an exempt boiler and the boiler associated with emissions unit EU 002 to cause expansion. The pre-expanded polystyrene is then blown through overhead ducts to be graded before being sent to storage.</p> <p>The beads are aged (stabilized) in 1,000 pounds bags for approximately 2 hours then they are returned through the ducts to the processing area to be distributed to the presses (up to 21 cup molds differentiating in size from 1.25 milliliters to 64 ounces) for forming. The molds also receive steam from the same two (2) boilers that supply steam to the expander area. Some of the finished containers exiting the presses are then taken to the printing area to be imprinted. The ink used for imprinting the containers contains no VOC. Finished containers are encased in plastic bags and then cartons. The closed cartons are stored in the finished products storage area prior to shipping.</p>

PERFORMANCE RESTRICTIONS

- A1. Pentane Limitation: The maximum allowable pentane content of the "as received" expandable polystyrene beads is 6.3% by weight. A constant of 25% residual pentane is considered contained in the product and shall be used in determining VOC (i.e. pentane) emissions. [Rule 62-210.200 (Definition "Potential to Emit"), F.A.C.; Operation Permit 1050312-001-AF]

- A2. Operation Limitation: The facility shall use no more than 4.0 million pounds of expandable polystyrene beads in any consecutive 12-month period based on a maximum pentane content of 6.3% by weight.

(Note: If the pentane content of the "as received" polystyrene beads is less than 6.3% by weight, then based on a linear relationship the usage of expandable polystyrene may be increased.)

 [Rule 62-210.200 (Definition "Potential to Emit"), F.A.C.; Operation Permit 1050312-001-AF]

- A3. Emission Limitation: The maximum total VOC emissions from the usage of expandable polystyrene beads shall not exceed 94.5 tons per any consecutive 12-month period. This limitation is based on the following calculation:

 4,000,000 lbs. of beads/year x 0.063 (fraction pentane) minus 63,000 lbs (25% residual pentane contained in the product).

(Permitting Note: According to the permit application received October 2, 2007, the total of VOC emissions from both boilers and from the usage of miscellaneous solvents for cleanup will not exceed one (1.0) ton per any consecutive 12-month period. These emissions (1.0 ton) are deemed insignificant pursuant to Rule 62-4.040, F.A.C. Also, the other pollutants emitted from the boilers will not trigger Title V permitting.)

SECTION 3. EMISSION UNIT SPECIFIC CONDITIONS (FINAL)

A. EU No. 001 Expandable Polystyrene Container Manufacturing Unit

[Rule 62-210.200 (Definition "Potential to Emit"), F.A.C.; Operation Permit No. 1050312-001-AF]

- A.4. Hours of Operation: The hours of operation are not limited (8760 hours per year).
[Construction Permit 1050312-005-AC]

RECORDS AND REPORTS

- A.5. Monthly Log: The permittee shall maintain the following logs/records in order to document compliance with Specific Condition Nos. A.1., A.2., and A.3.:
- a. Document or record the pentane content of each "as received" shipment (2,204.6 lb bags) of polystyrene beads;
 - b. Monthly, record the total quantity of polystyrene beads used, in pounds, along with the associated pentane content;
 - c. Monthly record the most recent consecutive 12-month period total of polystyrene beads used, in tons;
 - d. Monthly record the total VOC (e.g. pentane) emissions from the usage of polystyrene beads, in pounds and tons; and
 - e. Monthly record the most recent consecutive 12-month period total of VOC (e.g. pentane) emissions, in tons.

These records shall be kept at the facility for a minimum of three (3) years and made available to the Department upon request. The monthly records shall be completed by the end of the following month. Where appropriate, the monthly values recorded in "lbs." shall be converted to "tons" in order to demonstrate compliance. The permittee shall also maintain documentation, such as all Material Safety Data Sheets (MSDS), purchasing records, etc., for all polystyrene beads and solvents used, which includes enough information to determine VOC emissions.

[Rule 62-4.070(3), F.A.C.; Operation Permit 1050312-001-AF]

SECTION 3. EMISSION UNIT SPECIFIC CONDITIONS (FINAL)

B. EU No. 002 600 HP Boiler (Boiler #1)

This section of the permit addresses the following emissions unit.

ID No.	Emission Unit Description
002	One of two (2) boilers at the facility is a 600-HP Johnston, model P.R.T.A. 600-1g200s, process steam boiler fired with natural gas, liquid propane (LP) gas, or new No. 2 fuel oil. The maximum heat input rate to the boiler is 25.2 MMBtu/hour (approximately 24.2 MMcf/hour of natural gas).

PERFORMANCE RESTRICTIONS

B.1. Federal Regulatory Requirements: This emission unit is subject to 40 CFR 60 Subpart A – General Provisions (*see Appendix F*), and Subpart Dc – Standards of Performance for Small-Industrial-Commercial-Institutional Steam Generation Units (*see Appendix G*), which is adopted by reference in Rule 62-204.800, F.A.C. The applicable provisions of Subpart Dc are listed below:

(Note: Entire section applies unless otherwise noted with specific applicable subsection references)

§ 60.40c Applicability.

§ 60.41c Definitions.

§ 60.42c Standard for sulfur dioxide (SO₂).

§ 60.42c(d), (h) and (i)

§ 60.44c Compliance and performance test methods and procedures for sulfur dioxide.

§ 60.44c(g) and (h)

§ 60.46c Emission monitoring for sulfur dioxide.

§ 60.46c(d)(2) and (e)

§ 60.48c Reporting and recordkeeping requirements.

§ 60.48c(a), (d), (e)(1) and (11), (f)(1), (g)(1), (i), and (j)

[Rule 62-204.800(8), F.A.C.; 40 CFR 60, Subpart Dc]

B.2. Authorized Fuel: The boiler shall only be fired on natural gas, LP gas, or new No. 2 fuel oil, with a maximum heat input rate not to exceed 25.2 MMBTU/hr, based on a monthly average. [Rules 62-296.406(2) and (3), F.A.C.; Construction Permit 1050312-005-AC; Section 4, Appendix E; BACT determination (dated October 27, 2003) for PM and sulfur dioxide emissions]

B.3. Sulfur Content: The sulfur content of the fuel oil to be fired in the boiler shall not exceed 0.05% sulfur by weight (*see Permitting Note*). Used oil or recycled oil shall not be fired.

(Permitting Notes: This requirement is more stringent than the sulfur content limit of 0.5 percent by weight contained in 40 CFR 60.42c(d) and the sulfur limit of 0.05 percent by weight is equal to 500 parts per million by weight.

SECTION 3. EMISSION UNIT SPECIFIC CONDITIONS (FINAL)

B. EU No. 002 600 HP Boiler (Boiler #1)

[Construction Permit 1050312-005-AC; BACT determination (dated October 27, 2003) for PM and sulfur dioxide emissions, in accordance with Rules 62-296.406(2) and (3), F.A.C.]

- B.4. Hours of Operation: The hours of operation are not limited (8760 hours per year).
[Construction Permit 1050312-005-AC]

EMISSIONS STANDARDS

- B.5. Emissions Limitation: Visible emissions from this boiler shall not exceed 20% opacity, except for one two-minute period per hour during which the opacity shall not exceed 40%.
[Rule 62-296.406(1), F.A.C.]

TESTING REQUIREMENTS

- B.6. Compliance Tests: In order to verify compliance with the opacity standard of Specific Condition No. B.5.; the permittee shall test the boiler's exhaust stack ,while firing the boiler with new No. 2 fuel oil, during each federal fiscal year (October 1 – September 30) that the boiler is fired with new No. 2 fuel oil for more than 400 hours. If the permittee only fires the boiler with natural gas, LP gas, or less than 400 hours of new No. 2 fuel oil per any federal fiscal year the boiler's exhaust stack shall be tested at least 105 days and no more than 365 days prior to the expiration date of this permit.
[Rule 62-297.310(7), F.A.C.]
- B.7. 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.8. 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 A certified observer shall conduct the test, using DEP Method 9, for a minimum of 60 minutes in duration. The test shall be conducted when the boiler is cycling up to a normal, high-firing rate and shall include the period during which the highest opacity emissions can reasonably be expected to occur.

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.

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

SECTION 3. EMISSION UNIT SPECIFIC CONDITIONS (FINAL)

B. EU No. 002 600 HP Boiler (Boiler #1)

MONITORING REQUIREMENTS

- B.9. Fuel Monitoring: To demonstrate compliance with Specific Condition No. B.3., the following shall apply:
- the oil in the fuel tank shall be sampled after each new shipment of oil is received, as described under 40 CFR 60.46c(d)(2); or
 - a certification from the fuel supplier, as described in 40 CFR 60.48c(f)(1), shall be obtained. [40 CFR 60.44c(g) and (h)]

NOTIFICATION REQUIREMENTS

- B.10. 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.]

RECORDS AND REPORTS

- B.11. 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. The test report should contain the following:
- The identification of the boiler;
 - The type of fuel used during the test;
 - The heat input rate to the boiler during the test, in MMbtu/hour;
 - A copy of the monthly fuel usage log required by Specific Condition No. B.12. for the month the test was conducted; and
 - A copy of the most recent vendor's shipment of fuel oil that documents the sulfur content does not exceed 0.05% sulfur by weight (i.e. 500 ppm(w)), if applicable. (*See Specific Condition No. B.13.*)

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

SECTION 3. EMISSION UNIT SPECIFIC CONDITIONS (FINAL)

B. EU No. 002 600 HP Boiler (Boiler #1)

B.12. Fuel Oil Records: The permittee shall maintain the following records to show compliance with Specific Conditions B.2. and B.6. of this permit:

DAILY

- a. facility name, facility ID No., date (mm/dd/yr), emission unit ID No., and description (e.g., Master Containers, Inc., 1050312, EU 002, 600 HP Boiler);
- b. Record the hours the boiler is fired with new No. 2 fuel oil; and
- c. Calculate the cumulative total hours the boiler is fired with new No. 2 fuel oil for the most recent federal fiscal year until the 400th hour is recorded.

MONTHLY

- d. facility name, facility ID No., date (mm/yr), emission unit ID No., and description (e.g., Master Containers, Inc., 1050312, EU 002, 600 HP Boiler);
- e. Pursuant to 40 CFR 60.48c, NSPS subpart Dc: Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units, the permittee is required to maintain daily records of the amount and type of fuel combusted in this boiler. However, EPA has determined that for boilers that fire low sulfur fuels (e.g., natural gas, LP gas, and new No. 2 fuel oil) recordkeeping may be done on a monthly rather than daily basis;
- f. Record the hours the boiler is operated while fired with each type of fuel;
- g. Record the total hours of operation for the boiler;
- h. Record the total hours of operation for the most recent consecutive 12-month period;
- i. Monthly calculate the heat input in MMbtu for each type of fuel combusted in this boiler;
- j. Monthly calculate the total cumulative heat input in MMbtu for all the fuels combusted in this boiler; and
- k. Monthly calculate the average heat input rate in MMbtu/hour.

These records shall be maintained at the facility for at least 3 years and made available to the Department upon request. Daily records shall be completed within 3 working days and monthly records shall be completed within 15 calendar days of the following month.

[40 CFR 60.48c(g) and (i); Rules 62-4.070(3) and 62-204.800(8), F.A.C.; Construction Permit 1050312-007-AC]

SECTION 3. EMISSION UNIT SPECIFIC CONDITIONS (FINAL)

B. EU No. 002 600 HP Boiler (Boiler #1)

- B.13. Fuel Oil Sulfur Content Records: In order to document continuing compliance with the fuel oil sulfur content requirement of Specific Condition No. B.3., records shall be maintained of the vendor supplied data for sulfur content, in percent by weight, of each shipment of No. 2 fuel oil delivered for use in the boiler. The facility may retain fuel oil sulfur content records in parts per million by weight in lieu of percent by weight, provided that the fuel oil vendor reports the content in these units (i.e. ppm (w)). These records shall be kept at the facility for a minimum of three (3) years and made available to the Department upon request.
[Rule 62-4.070 (3), F.A.C.]
- B.14. Semi-Annual Reporting: The permittee shall submit semi-annual reports of fuel oil sulfur content records required in Specific Condition No. B.3. to the Air Compliance Section of the Department's Southwest District Office postmarked by the 30th day following the end of the reporting period (i.e. January - June report postmarked by July 30 and July - December report postmarked by January 30th of each year). Each semi-annual report shall include a certified statement signed by the owner or operator of the facility that the record submitted represents all of the fuel combusted during the six-month period covered by the report.
[40 CFR 60.48c(j); Rule 62-204.800, F.A.C.]