



# 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

Morton Plant Mease Healthcare  
1233 South Fort Harrison  
Clearwater, FL 33756

Air Permit No. 1030091-013-AO  
Permit Expires: 01/08/2018  
Minor Air Operation Permit Renewal

### Authorized Representative:

Mr. Anthony Reader, Coordinator of Plant Operations

This is the final permit to renew Air Operation Permit No. 1030091-011-AO for two steam boilers and a chiller engine at the Morton Plant Mease Healthcare facility located at 1233 South Fort Harrison in Clearwater, Pinellas County (Standard Industrial Classification No. 8062). The UTM coordinates are Zone 17, 322.96.N km East, and 3093.21 km North.

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

*\* **IMPORTANT PERMITTING NOTE** - Some of the permit requirements and specific conditions have been corrected and/or clarified from the previous air operation permit for this facility. Please review Section 3. Emission Unit Requirements carefully.*

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      01/08/2013  
Kelley M. Boatwright      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 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. Anthony Reader, Coordinator of Plant Operations, Morton Plant Mease Healthcare  
(Anthony.Reader@baycare.org)

Mr. Gary Robbins, Environmental Program Coordinator, Pinellas County Air Quality  
(grobbins@co.pinellas.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.

Athonda Hughes      1/8/2013  
(Clerk)      (Date)

## SECTION 1. GENERAL INFORMATION (FINAL)

---

### FACILITY AND PROJECT DESCRIPTION

This facility is a medical hospital. The facility consists of the following air pollution emissions units (EUs).

Facility ID No. 1030091	
EU ID No.	Emission Unit Description
005	Steam Boiler No. 1
006	Steam Boiler No. 2
007	Chiller Engine

*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 operates a 2.64 MMBtu/hour hot water heater/boiler, which is categorically exempt from permitting in accordance with Rule 62-210.300(3)(a)33., F.A.C. (permit exemption for fossil fuel hot water generators with heat input capacity equal to or less than 10 MMBtu per hour).

### 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 nitrogen oxides (NO<sub>x</sub>). The restrictions on the type, sulfur content and quantity of fuel oil combusted, contained in this permit will ensure that the facility's NO<sub>x</sub> emissions will be below the threshold for a Title V source.

### FEDERAL RULE APPLICABILITY

- The two steam boilers (EU Nos. 005 and 006) are subject to Federal New Source Performance Standard (NSPS) 40 CFR 60 Subpart Dc (Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units).
- The chiller engine (EU No. 007) is subject Federal NESHAP 40 CFR 63 Subpart ZZZZ (National Emissions Standards for Hazardous Air Pollutants (NESHAP) for Stationary Reciprocating Internal Combustion Engines).

### PERMIT HISTORY/AFFECTED PERMITS

This operation permit replaces Air Operation Permit No. 1030091-011-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 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 Pinellas County Air Quality Division. The mailing address and phone number of the Local Air Program is:

Pinellas County Air Quality Division  
509 East Avenue South  
Clearwater, Florida 33756  
Telephone: 727-464-4422

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.
  - e. Appendix E. Best Available Control Technology (BACT) Determination dated 02/28/1996
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.]

## SECTION 2. ADMINISTRATIVE REQUIREMENTS (FINAL)

---

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. 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 operation permit shall be submitted to the Permitting Authority with a copy to Pinellas County Air Quality Division(Compliance 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:
- 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/>*);
  - the appropriate operation permit application fee from Rule 62-4.050(4)(a), F.A.C.;
  - copies of the most recent compliance test reports required by Specific Condition Nos. A.5., A.6., and A.14., if not previously submitted; and
  - copies of the most recent month of fuel usage records specified in Specific Condition Nos. A.12., A.13. and B.3.

[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 Nos. 005 and 006 – Natural Gas/No. 2 Oil Fired Steam Boiler Nos. 1 and 2**

This section of the permit addresses the following emissions units (EUs).

EU ID Nos.	Emission Unit Description
005 & 006	<p><u>Steam Boiler No. 1 (EU No. 005) and No. 2 (EU No. 006)</u> - Each of the boilers is fired on natural gas or No. 2 distillate fuel oil with a maximum sulfur content of 0.05% by weight. Each boiler has a maximum heat input rate of 25.3 MMBtu/hour when fired on No. 2 fuel oil or 25.1 MMBtu/hour when fired on natural gas.</p> <p>Emissions from the boilers are uncontrolled.</p>

**PERFORMANCE RESTRICTIONS**

**A.1. Federal Regulatory Requirements** - Both boilers (EU Nos. 005 and 006) are subject to and must meet the applicable requirements of 40 CFR 60 - Standard of Performance for New Stationary Sources (NSPS), Subpart Dc - Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units, 40 CFR 60.40c through 60.48c. The applicable NSPS requirements have been incorporated into this permit (*see Specific Condition Nos. A.2.a., A.10., A.12., A.13., and A.15.*)  
[Rule 62-204.800(8)(b), F.A.C.; NSPS 40 CFR 60 Subpart Dc]

**A.2. Fuel Limitations** - Each boiler is permitted to fire on natural gas or new (virgin) No. 2 distillate fuel oil with the following restrictions:

- a. The sulfur content of the No. 2 fuel shall not exceed 0.05% S (50 ppm) by weight\*;  
*(\* NSPS Subpart Dc Note - The sulfur content limitation of this BACT Determination is more stringent than, and therefore meets the requirements of, 40 CFR 60 Subpart Dc 0.5 weight percent sulfur standard for sulfur dioxide contained in 40 CFR 60.42c(d).)*
- b. No. 2 fuel oil usage for both boilers combined is limited to a total of 1,974,500 gallons in any consecutive 12-month period\*\*;  
*(\*\* Permitting Note - The above fuel oil usage limitation assures that potential emissions from this facility will remain below Title V major source levels.)*
- c. waste or recycled oil is not permitted to be used; and
- d. the monthly average maximum heat input rate for each boiler shall not exceed 25.3 MMBtu/hour when fired on No. 2 fuel oil, or 25.1 MMBtu/hour (monthly average) when fired on natural gas.

[Rules 62-210.200, (Definition of Potential to Emit), and 62-296.406, F.A.C.); Best Available Control Technology (BACT) Determination dated 2/28/1996 (*see Appendix E*); Construction Permit No. 1030091-012-AC;]

**A.3. Operating Hours** - The hours of operation of these boilers are not limited (i.e., permitted for 8760 hours per year).  
[Rules 62-4.070(3) and 62-210.200 (Definition of Potential to Emit), F.A.C.; Construction Permit No. 1030091-012-AC]

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

**A. EU Nos. 005 and 006 – Natural Gas/No. 2 Oil Fired Steam Boiler Nos. 1 and 2**

**EMISSIONS STANDARDS**

**A.4. Visible Emissions Limitation** - Visible emissions (VE) from each boiler stack shall not exceed 20% opacity, except for one two-minute period per hour during which opacity shall not exceed 40%. [Rule 62-296.406(1), F.A.C.]

**COMPLIANCE TESTING REQUIREMENTS**

**A.5. Compliance Tests** - During each federal fiscal year (October 1<sup>st</sup> to September 30<sup>th</sup>), each boiler shall be tested to demonstrate compliance with the visible emissions (VE) standard of Specific Condition No. A.4., unless the test is waived (see *Specific Condition No. A.6.*). [Rule 62-297.310(7)(a), F.A.C.]

**A.6. VE Compliance Test Waiver** - Each federal fiscal year visible emissions compliance tests can be waived for either or both boilers, on a year by year basis if fuel oil has not been used in the boiler for more than 400 hours for the previous 12 months and if it is not expected to be used in the boiler for more than 400 hours during the next 12 months, except that, regardless of fuel used, a VE test shall be conducted on each boiler between 120 days and 180 days prior to applying for renewal of the facility’s operation permit. This prior-to-permit renewal compliance test may be done while firing natural gas if the  $\leq 400$  hour of oil firing requirement above has been met. Each year when the VE test is due, if this test waiver provision is invoked, a letter must be sent to the Compliance Authority (Pinellas County Air Quality Division) stating that the above requirements for the waiver have been satisfied. This notification letter shall include a statement, for each boiler, of the number of hours that fuel oil was fired during the last 12 month period, and, if fuel oil was fired for any period during the last 12 months, a copy of the most recent fuel records that document compliance with the % sulfur content limit in accordance with Specific Condition No. A.2.a. [Rules 62-297.310(7)(a)3. and 5., F.A.C.; Construction Permit No. 1030091-012-AC]

**A.7. Compliance Test Method** - Required visible emissions (VE) compliance tests shall be performed in accordance with the following reference method.

<b>DEP Method</b>	<b>Description of Method and Comments</b>
9	Visual Determination of the Opacity of Emissions from Stationary Sources - The visible emissions test shall be conducted by a certified observer (see <i>Rule 62-297.320, F.A.C.</i> ), and be a minimum of sixty (60) minutes in duration. The visible emissions test observation period shall include the period during which the highest opacity emissions can reasonably be expected to occur (see <i>Specific Condition No. A.9.</i> ). The minimum requirements for stationary point source emission test procedures and reporting shall be in accordance with Chapter 62-297, F.A.C. and 40 CFR 60 Appendix A

The above DEP Method 9 is described in Rule 62-297.401(9)(c), F.A.C., which also adopts and references EPA Method 9. EPA Method 9 is described in Appendix A of 40 CFR 60 and

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

#### A. EU Nos. 005 and 006 – Natural Gas/No. 2 Oil Fired Steam Boiler Nos. 1 and 2

**A.7.** *(continued)*

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, 62-297.320, and 62-297.401(9)(c), F.A.C.; and Appendix A of 40 CFR 60]

**A.8.** 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, F.A.C.]

**A.9.** Operating Rate During Testing – Visible emissions (VE) compliance tests shall be conducted during operation of the boiler within 90-100% of the maximum permitted fuel heat input rate (*see Specific Condition No. A.2.d.*), when feasible. VE tests shall be conducted while firing fuel oil, except that natural gas may be fired during the prior-to-permit renewal compliance test if the fuel oil firing operating hour limitations are met (*see Specific Condition No. A.6.*). A compliance test submitted for operation while firing fuel oil at a fuel oil firing heat input rate less than 90% of the maximum permitted rate will automatically constitute an amended permitted fuel oil heat input rate at that lesser rate plus 10%. Once the unit is so limited, operation at higher capacities while firing fuel oil is allowed for no more than 15 consecutive days for the purpose of additional compliance testing to regain the authority to operate at the permitted capacity. The test results shall be submitted to the Compliance Authority (Pinellas County Air Quality Division) within 45 days of testing. Acceptance of the test by the Compliance Authority will automatically constitute an amended permit at the higher tested heat input rate plus 10%, but in no case shall the maximum permitted heat input rate specified in Specific Condition No. A.2.d. be exceeded. The fuel type and heat input rate (MMBtu/hour) during the test shall be included with each test report. Failure to submit the required fuel information or operating under conditions that are not representative of normal operating conditions may invalidate the test and fail to provide reasonable assurance.

[Rule 62-4.070(3), F.A.C.; Construction Permit No. 1030091-012-AC]

**A.10.** Fuel Oil Sulfur Content Documentation During VE Compliance Test - Compliance with the fuel oil sulfur content requirements of Specific Condition No. A.2.a. shall be demonstrated during any VE test conducted while burning fuel oil, by submitting any of the following with the VE test report:

- a. copy of a fuel oil analysis from the fuel oil supplier, or a vendor shipment receipt showing delivery of low sulfur oil containing a maximum of 0.05% (or 50 ppm) sulfur by weight, representative of the oil used during the compliance test; or
- b. results of the fuel oil analysis for an as-burned fuel oil sample taken during the compliance test. Fuel sampling and analysis shall be in accordance with 40 CFR 60 Appendix A, Method 19, Section 5.2.2 (Liquid Fossil Fuel).

[Rules 62-4.070(3) and 62-204.800, F.A.C.; NSPS Subpart Dc 40 CFR 60.44c(g) & (h)]

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

### A. EU Nos. 005 and 006 – Natural Gas/No. 2 Oil Fired Steam Boiler Nos. 1 and 2

#### NOTIFICATION REQUIREMENTS

**A.11. Compliance Test Notification** - The permittee shall notify the Compliance Authority (Pinellas County Air Quality Division) 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.]

#### RECORDKEEPING REQUIREMENTS

**A.12. Fuel Usage Records** - In order to document compliance with the requirements of Specific Condition Nos. A.2., A.6., and A.9., the permittee shall maintain monthly records of No. 2 distillate fuel oil and natural gas used in each boiler. The records shall include the following:

- a. facility ID (1030091), Emission Unit ID No. (EU No. 005 or 006,), and description;
- b. month and year;
- c. monthly total operating hours of each boiler when burning No. 2 fuel oil;
- d. monthly total operating hours of each boiler when burning natural gas;
- e. consecutive 12-month rolling total operating hours of each boiler when burning No. 2 fuel oil;
- f. monthly total quantity of No. 2 fuel oil burned by each boiler;
- g. monthly total quantity of natural gas burned by each boiler;
- h. monthly average heat input of each boiler fired on natural gas in MMBtu/hr;
- i. monthly average heat input of each boiler fired on No. 2 fuel oil in MMBtu/hr; and
- j. consecutive 12-month rolling quantity of total fuel oil burned by each boiler and a total for both boilers combined.

Daily records shall be completed within three (3) business days. Monthly records shall be completed by the end of the following month. These records shall be maintained for a minimum of the most recent three (3) year period and made available to the Department and the Compliance Authority upon request.

[Rules 62-4.070(3), 62-4.160, and 62-204.800, F.A.C.; NSPS Subpart Dc 40 CFR 60.48c(g) & 60.48c(i); Construction Permit No. 1030091-012-AC]

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

### A. EU Nos. 005 and 006 – Natural Gas/No. 2 Oil Fired Steam Boiler Nos. 1 and 2

- A.13. Fuel Oil Sulfur Content Records** - Ongoing compliance with the fuel oil sulfur content limitation of Specific Condition No. A.2.a. shall be demonstrated through fuel oil analysis provided by the fuel supplier or fuel sampling of each shipment of oil delivered for use in these boilers. The fuel oil analysis provided by the fuel supplier shall consist of the following.
- The name of the supplier.
  - The sulfur content in fuel oil, and the American Society for Testing and Materials (ASTM) method used to determine the sulfur content in fuel oil. ASTM D5453-06 *Standard Test Method for Determination of Total Sulfur in Light Hydrocarbons, spark Ignition Engine Fuel, Diesel Engine Fuel and Engine Oil by Ultraviolet Florescence*, or other ASTM methods approved by the Department shall be used to analyze the fuel oil. If fuel sampling is used to demonstrate compliance, the fuel sampling and analysis shall be performed in accordance with 40 CFR 60 Appendix A, Method 19.
  - A statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in §60.41c.

These records shall be recorded in a permanent form suitable for inspection upon request, and shall be retained for at least a three (3) year period.

[Rules 62-4.070(3), 62-4.160, and 62-204.800(8); NSPS Subpart Dc 40 CFR 60.48c(f), , F.A.C.; Construction Permit No. 1030091-012-AC]

### REPORTING REQUIREMENTS

- A.14. 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. The fuel type and heat input rate (MMBtu/hour) during the test shall be included with each test report.  
[Rule 62-297.310(8), F.A.C.]
- A.15. Semi-Annual Fuel Sulfur Content Reports** - The permittee shall submit semi-annual reports of fuel oil sulfur content records required in Specific Condition No. A.13. to the Compliance Authority (Pinellas County Air Quality Division) postmarked by the 30<sup>th</sup> day following the end of the reporting period (i.e., January – June report postmarked by July 30 and July – December report postmarked by January 30 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. No semi-annual report is required if no oil was combusted or delivered during the 6-month period being reported.  
[Rule 62-204.800(8), F.A.C.; NSPS Subpart Dc 40 CFR 60.48c(j)]

SECTION 3. EMISSION UNIT SPECIFIC CONDITIONS (FINAL)

B. EU No. 007 – Natural Gas Fired Chiller Engine

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

EU ID No.	Emission Unit Description
007	<p><u>Chiller Engine</u> - a four-stroke lean burn (4SLB) spark ignition (SI) reciprocating internal combustion engine (RICE) fired exclusively on natural gas with a maximum design heat input rate of 7.11 MMBtu/hour.</p> <p>Emissions from the chiller engine are uncontrolled.</p> <p><i>(Federal Rule Applicability Permitting Note - This stationary SI RICE engine is subject to and shall comply with the applicable operation, maintenance, and recordkeeping requirements of Federal NESHAP 40 CFR 63 Subpart ZZZZ (National Emissions Standards for Hazardous Air Pollutants (NESHAP) for Stationary Reciprocating Internal Combustion Engines) as they apply to SI 4SLB stationary RICE ≤ 500 HP at an area source of hazardous air pollutants (HAPs).)</i></p>

PERFORMANCE RESTRICTIONS

Operation and Emission Limitations

**B.1. Fuel Usage Limitations** – The chiller engine shall be fired on natural gas only and with a maximum heat input rate not to exceed 7.11 MMBtu/hour (monthly average). The maximum natural gas usage by the chiller engine shall not exceed 27.89 MMCF in any consecutive 12-month period\*.  
 [Rule 62-210.200, F.A.C. (Definition of Potential to Emit); Construction Permit No. 1030091-012-AC]

*(\* Permitting Note - The above engine natural gas usage limitation assures that potential emissions from this facility will remain below Title V major source levels.)*

**B.2. Operating Hours** - The hours of operation of the chiller engine are not limited (i.e., permitted for 8760 hours per year).  
 [Rules 62-4.070(3) and 62-210.200 (Definition of Potential to Emit), F.A.C.; Construction Permit No. 1030091-012-AC]

Recordkeeping Requirements

**B.3. Operation and Fuel Usage Records** - In order to document compliance with the requirements of Specific Condition No. B1, the permittee shall maintain a monthly record of natural gas used by the chiller engine. The records shall include the following:

- a. facility ID (1030091), Emission Unit ID No. (EU No. 007), and description;
- b. month and year;

*(continued)*

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

---

**B. EU No. 007 – Natural Gas Fired Chiller Engine**

**B.3.** *(continued)*

- c. monthly total quantity of natural gas burned by the chiller engine in MMCF;
- d. monthly operating hours of the chiller engine;
- e. monthly average chiller engine heat input rate in MMBtu/hr, calculated from c. and d. above; and
- f. consecutive 12-month rolling total quantity of natural gas burned by the chiller engine in MMCF.

[Rule 62-4.070(3), F.A.C.; Construction Permit No. 1030091-012-AC]