Florida Department of Environmental Protection

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

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Jonathan P. Steverson
Secretary

PERMITTEE

Lakeland Regional Medical Center
1324 Lakeland Hills Blvd
Lakeland, Florida 33804

Authorized Representative:
Ms. Margaret White, Vice President of Operations

Air Permit No. 1050095-011-AF
Federally Enforceable State Operation Permit

Lakeland Regional Medical Center
Polk County, Florida

PROJECT

This is the final Federally Enforceable State Operation Permit (FESOP), which authorizes the operation of the regulated emissions units at Lakeland Regional Medical Center, which is a hospital (Standard Industrial Classification No. 8062). This project is for the renewal of Operation Permit No. 1050095-010-AF. The facility is located in Polk County at 1324 Lakeland Hills Blvd., Lakeland, Florida. The UTM coordinates are Zone 17, 406.92 km East and 3104.07 km North.

This final permit is organized into the following sections: Section 1 (General Information); Section 2 (Administrative Requirements); Section 3 (Emissions Unit Specific Conditions); and 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.

Permitting Authority: Applications for air operation permits are subject to review in accordance with the provisions of Chapter 403, Florida Statutes (F.S.) and Chapters 62-4 and 62-210 of the Florida Administrative Code (F.A.C.). The Permitting Authority responsible for making a permit determination for this project is the Department of Environmental Protection's Air and Solid Waste Permitting Section in the Southwest District Office. The Permitting Authority's physical address is: 13051 North Telecom Parkway, Temple Terrace, Florida 33637-0926. The Permitting Authority's mailing address is: 13051 North Telecom Parkway, Temple Terrace, Florida 33637-0926. The Permitting Authority's phone number is 813-470-5700.

Petitions. A person whose substantial interests are affected by the proposed decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Department's Office of General Counsel, MS #35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000. Petitions filed by the applicant or any of the parties listed below must be filed within 14 days of receipt of this notice. Petitions filed by any other person must be filed within 14 days of receipt of this proposed action. A petitioner must 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, F.A.C.

A petition that disputes the material facts on which the Department's action is based must contain the following information: (a) The name and address of each agency affected and each agency's file or identification number, if known; (b) The name, address, 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 how and when each petitioner received notice of the agency action or proposed action; (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, as well as the rules and statutes which entitle the petitioner to relief; (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action; 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 permitting authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the 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 permitting authority on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation: Mediation is not available in this proceeding.

Effective Date: This permitting decision is final and effective on the date filed with the clerk of the Permitting Authority unless a petition is filed in accordance with the above paragraphs or unless a request for extension of time in which to file a petition is filed within the time specified for filing a petition pursuant to Rule 62-110.106, F.A.C., and the petition conforms to the content requirements of Rules 28-106.201 and 28-106.301, F.A.C. Upon timely filing of a petition or a request for extension of time, this action will not be effective until further order of the Permitting Authority.

Judicial Review: Any party to this permitting decision (order) has the right to seek judicial review of it under Section 120.68, F.S., 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.

1050095-011-AF Effective Date: **March 8, 2016**
Renewal Application Due Date: **January 7, 2021**
Expiration Date: **March 8, 2021**

Executed in Hillsborough County, Florida.

for

Pamala Vazquez
Interim Program Administrator
Permitting & Waste Cleanup Program
Southwest District

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Federally Enforceable State Operation Permit package 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 following persons.

Ms. Margaret White, Lakeland Regional Medical Center, Margaret.White@myLRH.org
Mr. Tim Mercier, Lakeland Regional Medical Center, Tim.Mercier@myLRH.org
Ms. Danielle Henry, FDEP, Danielle.D.Henry@dep.state.fl.us

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to Section 120.52(7), Florida Statutes, with the designated agency clerk, receipt of which is hereby acknowledged.

Rhonda Hughes March 8, 2016
(Clerk) (Date)

FACILITY DESCRIPTION

The facility is a hospital that includes a regulated boiler and eight regulated diesel fired generators. The facility is a synthetic non-Title V source for the pollutants Nitrogen Oxides (NOx) and Carbon Monoxide (CO).

Note: This facility was previously classified as a Title V source due to E.U. ID No. 002 (a hospital/medical/infectious waste incinerator) which is designated as a Part 70 source under 40 C.F.R. 70.3(a)(5), adopted and incorporated by reference in Rule 62-204.800, F.A.C. Effective March 1, 2011, the permittee permanently shut down E.U. ID No. 002 and as a result, the facility is now re-classified as a synthetic non-Title V source.

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

EU No.	Emission Unit Description
005	750 HP Johnson Boiler
006	Seven Diesel Fired Generators
007	1502 HP Diesel Fired Emergency Generator

APPLICABLE REGULATIONS

A summary of applicable regulations is shown in the following table.

Regulation	EU No(s).
Federal Rule Citations	
40 CFR 60, Subpart A, NSPS General Provisions	005
40 CFR 60, Subpart Dc, Small Industrial-Commercial-Institutional Steam Generating Unit	005
State Rule Citations	
Rule 62-210.300, F.A.C., Permits Required	All
Rule 62-296.406, F.A.C., Fossil Fuel Steam Generators with Less Than 205 million Btu Per Hour Heat Input, New and Existing Emissions Units	005

EXEMPT EMISSION SOURCES/ACTIVITIES

- Emissions Unit No. 004 is a 750 HP Kewanee boiler with a maximum heat input rate of 25 MMBTU/hr. This boiler was constructed in 1979 and is thus not subject to 40 CFR 60, Subpart Dc. The boiler is not subject to Rule 62-296.406, F.A.C., since it operates in compliance with Rule 62-210.300(3)(a)34, F.A.C., Categorical and Conditional Exemptions.
- The following emissions units/activities are considered exempt pursuant to Rule 62-210.300(3)(b)1., F.A.C.:
  - Diesel Storage
  - Cooling Towers
  - Hood, Sink Drain Vents
  - Maintenance Activities
  - Parts Washing (no halogenated solvents)
  - Sterilizers (not applicable to 40 CFR 63, Subpart O)
  - Compressors, Refrigeration System, Condensers

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 62-213, F.A.C.
- The facility is not a major stationary source in accordance with Rule 62-212.400, F.A.C. for the Prevention of Significant Deterioration (PSD) of Air Quality.
- This facility is a synthetic non-Title V source for the pollutants Nitrogen Oxides (NOx) and Carbon Monoxide (CO).

PERMIT HISTORY/AFFECTED PERMITS

This permit replaces Operation Permit No. 1050095-010-AF

SECTION 2. ADMINISTRATIVE REQUIREMENTS

1. Permitting Authority: The permitting authority for this project is the Southwest District of the Department of Environmental Protection (Department). The mailing address, phone number and e-mail address is:

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

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

2. Compliance Authority: All documents related to compliance activities such as reports, tests, and notifications shall be submitted to the Florida Department of Environmental Protection (Department), Southwest District Office's Compliance Assurance Program. The mailing address, phone number and e-mail address is:

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

3. Appendices: The following Appendices are attached as a part of this permit: Appendix A (Citation Formats and Glossary of Common Terms); Appendix B (General Conditions); Appendix C (Common Conditions); and Appendix D (Common Testing Requirements); Appendix E (Best Available Control Technology Determination - 750 HP Johnson Boiler).

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: No new emissions unit shall be constructed and no existing emissions unit shall be modified without obtaining an air construction permit from the Department. Such permit shall be obtained prior to beginning construction or modification.
   [Rules 62-210.300(1) and 62-212.300(1)(a), F.A.C.]

7. Renewal. Prior to sixty (60) days before the expiration date of this permit, the permittee shall apply for a renewal of the permit. A renewal application shall be timely and sufficient. If the application is submitted prior to sixty (60) days before expiration of the permit, it will be considered timely and sufficient. If the

renewal application is submitted at a later date, it will not be considered timely and sufficient unless it is submitted and made complete prior to the expiration of the operation permit. When the application for renewal is timely and sufficient, the existing permit shall remain in effect until the renewal application has been finally acted upon by the Department. 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. A.11, if not previously submitted; and

d. copies of the most recent month of records/logs specified in Specific Condition Nos. A.13, A.14, B.2 and C.3.

[Rules 62-4.090, 62-210.300(2), and 62-210.900, F.A.C.]

8. Annual Operating Report (AOR): The information required by the Annual Operating Report for Air Pollutant Emitting Facility (DEP Form No. 62-210.900(5)) shall be submitted by April 1 of each year, for the previous calendar year, to the Department of Environmental Protection's (DEP) District Office. All synthetic non-Title V sources shall submit a completed DEP Form 62-210.900(5) unless the annual operating report is submitted using the DEP's electronic annual operating report software. Emissions shall be computed in accordance with the provisions of subsection 62-210.370(2), F.A.C.

   [Rule 62-210.370(3), F.A.C.]

   {Permitting Note: Resources to help you complete your AOR are available on the electronic AOR (EAOR) website at: http://www.dep.state.fl.us/air/emission/eaor. If you have questions or need assistance after reviewing the information posted on the EAOR website, please contact the Department by phone at (850) 717-9000 or email at eaor@dep.state.fl.us.}

A. EU No. 005 – 750 Hp Johnson Boiler

This section of the permit addresses the following emissions unit.

EU No.	Emission Unit Description
005	750 HP Johnson Boiler: This emissions unit consists of a 750 HP Johnson boiler which has a maximum heat input rate of 25 MMBTU/hour. The boiler is fired with either natural gas or with new fuel oil having a maximum sulfur content of 0.05% by weight. The maximum heat input rate is based on the maximum allowable fuel usage rates for natural gas and new fuel oil. The boiler is subject to 40 CFR 60, Subpart Dc, and is also subject to Rule 62-296.406, F.A.C., which required the attached Best Available Control Technology Determination dated November 8, 2000. Emissions from this boiler and the exempt Kewanee boiler (Emission Unit No. 004) are exhausted to the atmosphere by a common stack.

FEDERAL REGULATIONS

A.1. Federal Regulatory Requirements: This emissions unit (boiler) is subject to 40 CFR 60, Subpart Dc – Small Industrial-Commercial-Institutional Steam Generating Unit and to 40 CFR 60, Subpart A – General Provisions, which are adopted by reference in Rule 62-204.800, F.A.C.

{Permitting Note: This boiler and the exempt Kewanee boiler (E.U. ID No. 004) are both subject to 40 CFR 63, Subpart JJJJJJ – National Emission Standards for Area Sources: Industrial / Commercial / Institutional Boilers; however, at the time this permit was issued, this federal standard had not yet been adopted by the state.}

[Rule 62-204.800(8), F.A.C.]

OTHER REGULATIONS

A.2. Other Regulatory Requirements: This emissions unit (boiler) is subject to Rule 62-296.406, F.A.C. - "Fossil Fuel Steam Generators with Less Than 250 Million Btu Per Hour Heat Input, New and Existing Emissions Units", which required the attached (Appendix E) Best Available Control Technology Determination dated November 8, 2000.
[Rule 62-296.406, F.A.C.]

PERFORMANCE RESTRICTIONS

A.3. Permitted Capacity:

a. Hourly Fuel Usage Rates - The following hourly usage rates are for the purpose of emissions testing only, the permittee is not required to show compliance with these rate during normal operation:
   (1) The maximum natural gas usage rate is 24,000 $ft.^3$/hr. (25.0 MMBTU/hr.).
   (2) The maximum new fuel oil usage rate is 180 gals./hr. (25.0 MMBTU/hr.).

b. Annual Fuel Oil Usage Rates – For the purpose of limiting the facility's potential to emit, the new fuel oil usage rate of this emissions unit shall be limited as follows:
   – The fuel oil usage of this boiler, when combined with the fuel usage of the exempt Kewanee boiler (E.U. ID No. 004), shall not exceed a combined total of 1.5 MMGal per any consecutive 12 month period.

[Rule 62-210.200(PTE), F.A.C.; Permit No. 1050095-010-AF]

A.4. Authorized Fuel: The boiler is allowed to be only fired with either natural gas or with new fuel oil with a maximum sulfur content of 0.05%, by weight. No used or recycled oil shall be fired.

{Permitting Note: The fuel oil storage tank, which also supplies fuel oil to the exempt Kewanee boiler (E.U. ID No. 004), only receives fuel oil with a maximum sulfur content of 0.05%, by weight.}
[Rules 62-210.200(PTE), 62-296.406, F.A.C.; Best Available Control Technology Determination dated November 8, 2000]

A.5. Hours of Operation: The hours of operation are not limited (8760 hours per year).
[Rules 62-4.070(3) and 62-210.200(PTE), F.A.C.]

EMISSIONS STANDARDS

A.6. Visible Emissions Standard: Visible emissions from the boiler shall not exceed 20% opacity except for one six-minute period per hour during which opacity shall not exceed 27%.

{Permitting Note: Emissions from this boiler and the exempt Kewanee boiler (Emission Unit No. 004) are exhausted to the atmosphere by a common stack.}

[Rule 62-296.406(1), F.A.C.]

EXCESS EMISSIONS

A.7. Excess Emissions: This emissions unit is subject to the excess emissions requirements contained in Rule 62-210.700, F.A.C. (and included in Appendix C, "Common Conditions" of this permit) which cannot vary any requirement of an NSPS, NESHAP or Acid Rain program provision. This emissions unit is also subject to the following NSPS excess emissions requirements:

a. The opacity standards set forth in 40 CFR 60 shall apply at all times except during periods of startup, shutdown, malfunction, and as otherwise provided in the applicable standard.

b. At all times, including periods of startup, shutdown, and malfunction, owners and operators shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Administrator which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.

[Rule 62-210.700, F.A.C. and 40 CFR 60.11(c)&(d) (Subpart Dc)]

TESTING REQUIREMENTS

A.8. Annual Compliance Tests: During each calendar year (January 1st to December 31st), the emissions unit (boiler) shall be tested to demonstrate compliance with the visible emissions standard. Additionally, if the most recent annual visible emissions test was conducted when the boiler was fired with natural gas, then within 60 days of the boiler exceeding the 400th hour of using fuel oil, the emissions unit shall be tested while the boiler is fired with fuel oil.
[Rule 62-297.310(8)(a)1 & 62-297.310(8)(a)5.f., F.A.C.]

A.9. Test Requirements: The permittee shall notify the Compliance Authority in writing at least 15 days prior to any required tests. Tests shall be conducted in accordance with the applicable requirements specified in Appendix D (Common Testing Requirements) of this permit. Additionally, the visible emissions test shall be conducted when the exempt Kewanee boiler (E.U. ID No. 004) is not operating.
[Rules 62-4.070(3) and 62-297.310(9), F.A.C.]

A.10. Test Methods: Required tests shall be performed in accordance with the following reference methods:

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

The above methods are described in Appendix A of 40 CFR 60 and are adopted by reference in Rule 62-204.800, F.A.C. No other methods may be used unless prior written approval is received from the Department.

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

RECORDS AND REPORTS

A.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. Additionally, the compliance test report shall include the following:

a. The actual type of fuel and fuel usage rate during the test period.
b. If fuel oil was fired during the test, then include a copy of the records required by Specific Condition No. A.14, which includes the most recent documentation of the fuel oil's sulfur content.

Failure to submit this data or actual operating conditions may invalidate the test.
[Rule 62-297.310(10), F.A.C.]

A.12. Daily Records: The following daily records shall be recorded and maintained:

a. Fuel Oil: During operations when the boiler is fired with fuel oil:
   (1) Facility Name, Emission Unit No. (005).
   (2) Date.
   (3) Quantity of fuel oil used in the boiler (in gallons).
   (4) Hours of operation of the boiler (while fired with fuel oil).
   (5) If the most recent visible emission test was conducted using natural gas, a separate daily record documenting the hours of firing fuel oil, until the 400th hour, is required in order to comply with the Compliance Tests schedule of Specific Condition No. A.8.
   (6) Daily fuel oil usage for the exempt Kewanee boiler (E.U. ID No. 004) should also be maintained to show compliance with the fuel oil usage limit of Specific Condition No. A.3.b.

b. Natural Gas: During operations when the boiler is fired with natural gas, if the test is performed at an operation rate that is below 90 percent of the permitted capacity as specified in Appendix D, Condition 1 (Operating Rate During Testing), then the following daily records are required:
   (1) Facility Name, Emission Unit No. (005).
   (2) Date.
   (3) Quantity of natural gas used in the boiler (in standard cubic feet).
   (4) Hours of operation of the boiler (while fired with natural gas).
   (5) Natural gas usage rate (daily average in standard cubic feet/hr).

Daily records shall be completed by the end of the 3rd business day.
[Rules 62-4.070(3) and 62-204.800(8)(b), F.A.C.; 40 CFR 60.48c(g)(1) (Subpart Dc)]

A.13. Monthly Records: The following monthly records shall be recorded and maintained:

a. Fuel Oil: During months of operation when the boiler is fired with fuel oil,
   (1) Facility Name, Emission Unit No. (005).
   (2) Month and Year.
   (3) Quantity of fuel oil used in the boiler (in gallons).
   (4) Monthly fuel oil usage for the exempt Kewanee boiler (E.U. ID No. 004) should also be maintained to show compliance with the fuel oil usage limit of Specific Condition No. A.3.b.

b. Natural Gas: During months of operations when the boiler is fired with natural gas:
   (1) Facility Name, Emission Unit No. (005).
   (2) Month and Year.
   (3) Quantity of natural gas used in the boiler (in standard cubic feet).

Monthly records shall be completed by the end of the following month.
[Rules 62-4.070(3) and 62-204.800(8)(b), F.A.C., and 40 CFR 60.48c(g)(2) (Subpart Dc)]

A.14. Fuel Oil Sulfur Content: Compliance with the fuel oil's 0.05%, by weight, sulfur content limitation shall be demonstrated through either:

a. The fuel supplier documentation of fuel oil sulfur content for each shipment of oil delivered for use in the boiler per 40 CFR 60.48c(f). The records shall include a "fuel supplier certification" (40 CFR 60.48c(f)(2)) consisting of the name of the oil supplier and a statement from the oil supplier that the oil complies with the specifications for fuel oil number 4, as defined by the American Society for Testing and Materials in ASTM D396-78, *"Standard Specification for Fuel Oils";* or

b. Actual fuel oil analysis per 40 CFR 60.46c(d)(2). Fuel sampling and analysis shall be in accordance with 40 CFR 60 Appendix A, Method 19, Section 12.5.2.2 (Liquid Fossil Fuel).

The permittee shall submit semiannual reports of the fuel oil supplier sulfur content certification records for any reporting period during which the boiler is fired with fuel oil. The semiannual report shall include a certified statement signed by the facility's authorized representative that the records of the fuel supplier certifications submitted represent all of the fuel combusted during the period. The semiannual reports shall be submitted to the Air Compliance Section of this office within 30 days of the end of the reporting period.

[Rule 62-204.800(8)(b), F.A.C., and 40 CFR 60.48c(e)(11) (Subpart Dc)]

B. EU No. 006 – Seven Diesel Fired Emergency Generators

This section of the permit addresses the following emissions unit.

EU No.	Emission Unit Description
006	Seven Diesel Fired Generators: This emissions unit consists of the seven following diesel fired emergency generators: - One 200 kW Diesel Fired Generator – Caterpillar, Model 3208 - One 500 kW Diesel Fired Generator – Caterpillar, Model 3412 - Five 1500 kW Diesel Fired Generators – Caterpillar, Model 3516

PERFORMANCE RESTRICTIONS

B.1. Hours of Operation: The hours of operation for each Diesel Fired Generator are limited to a maximum of 500 hours per any consecutive 12 month period.
[Rules 62-4.070(3) and 62-210.200(PTE), F.A.C.]

{Permitting Note: The seven diesel fired engines in this emissions unit are not subject to 40 CFR 63, Subpart ZZZZ – National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion based on the requirements specified in 40 CFR 63.6585(f)(3). The engines all commenced construction before June 12, 2006, and are considered "Existing Stationary RICE" (See 40 CFR 63.6590(a)(1)(iii)) and are located at an institutional establishment (i.e., a medical center) and are considered existing institutional emergency stationary RICE located at an area source of HAP emissions.}

RECORDS AND REPORTS

B.2. Daily and Monthly Recordkeeping: To demonstrate compliance with Hours of Operation restriction in Specific Condition B.1., the permittee shall maintain the following records for each emergency generator:

a. Daily Records (when operating):

(1) Date & Emission Unit ID No. (006)

(2) The number of hours the emergency generator was operated.

b. Monthly Records:

(1) Month, Year & Emission Unit ID No. (006)

(2) The total number of hours the emergency generator was operated during the month.

(3) The total number of hours the emergency generator was operated during the most recent consecutive 12 month period.

Daily records shall be completed by the end of the 3rd business day and monthly records shall be completed by the end of the following month.

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

C. EU No. 007 – 1502 HP Diesel Fired Emergency Generator

This section of the permit addresses the following emissions unit.

EU No.	Emission Unit Description
007	1502 HP Diesel Fired Emergency Generator: This emissions unit consists of a 1502 HP Caterpillar diesel fired emergency generator. This engine was previously exempted from the requirement to obtain an air construction permit because it qualifies for the categorical exemptions listed in Rule 62-210.300(3)(a)35 & 36, Florida Administrative Code (F.A.C.). However, it is included in this permit as regulated emissions units because it is subject to 40 CFR 60, Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines. The in-service date for this emergency generator was on 1/16/2008.

FEDERAL REGULATIONS

C.1. Federal Regulatory Requirements: This emission unit (diesel fired emergency generator) is subject to 40 CFR 60, Subpart IIII – Standards of Performance for Stationary Compression Ignition Internal Combustion Engines, which is adopted by reference in Rule 62-204.800, F.A.C. This emergency generator is currently demonstrating compliance with the emissions limitations of 40 CFR 60, Subpart IIII through the retention of a manufacturer's certification statement. So long as that certification is able to be retained, no additional compliance demonstration is required. At such time that the manufacturer's certification is no longer valid (i.e. due to operation or maintenance practices that are inconsistent with the manufacturer's recommendations), the permittee shall begin demonstrating compliance with the standards in a manner that is prescribed by the rule.
[Rules 62-4.070(3) and 62-204.800(8), F.A.C.]

PERFORMANCE RESTRICTIONS

C.2. Hours of Operation: The hours of operation are limited to a maximum of 500 hours per any consecutive 12 month period.
[Rules 62-4.070(3) and 62-210.200(PTE), F.A.C.]

RECORDS AND REPORTS

C.3. Daily and Monthly Recordkeeping: To demonstrate compliance with Hours of Operation restriction in Specific Condition C.2., the permittee shall maintain the following records for this emergency generator:

a. Daily Records (when operating):

(1) Date & Emission Unit ID No. (007).

(2) The number of hours the emergency generator was operated.

b. Monthly Records:

(1) Month, Year & Emission Unit ID No. (007)

(2) The total number of hours the emergency generator was operated during the month.

(3) The total number of hours the emergency generator was operated during the most recent consecutive 12 month period.

Daily records shall be completed by the end of the 3rd business day and monthly records shall be completed by the end of the following month.

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