



**FLORIDA DEPARTMENT OF  
ENVIRONMENTAL PROTECTION**

Central District  
3319 Maguire Blvd., Ste. 232  
Orlando, FL 32803

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*Electronically Sent- Received Receipt Requested*

**FINAL PERMIT**

**PERMITTEE**

Florida Hospital  
601 East Altamonte Drive  
Altamonte Springs, Florida, 32701

Air Permit No. 1170362-005-AO  
Permit Expires: 03/30/2018  
Site Name : Florida Hospital Altamonte  
Minor Source Air Operation Permit  
Air Operation Permit Renewal

Authorized Representative:

Mr. John Elkins, Administrative Director of Facilities  
([john.elkins@flhosp.org](mailto:john.elkins@flhosp.org))

This is the final air operation permit, which authorizes operation of the Florida Hospital Altamonte facility (Standard Industrial Classification No. 8062). The facility is located in Seminole County at 601 East Altamonte Drive in Altamonte Springs, Florida. The UTM coordinates are Zone 17, 456.9 km East, and 3170.7 km North.

This final permit is organized by the following sections:

Section 1. General Information

Section 2. Administrative Requirements

Section 3. Facility-wide and Emissions Unit Specific Conditions

Section 4. Appendices

Because of the technical nature of the project, the permit contains numerous acronyms and abbreviations, which are defined in Appendix A of Section 4 of this permit.

This air pollution permit is issued under the provisions of: Chapter 403 of the Florida Statutes (F.S.) and Chapters 62-4, 62-204, 62-210, 62-212, 62-296 and 62-297 of the Florida Administrative Code (F.A.C.). The permittee is authorized to conduct the proposed work in accordance with the conditions of this permit.

Upon issuance of this final permit, any party to this order has the right to seek judicial review of it under Section 120.68 of the Florida Statutes by filing a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the clerk of the Department of Environmental Protection in the Office of General Counsel (Mail Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida, 32399-3000) and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The notice must be filed within 30 days after this order is filed with the clerk of the Department.

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.



**SECTION 1. GENERAL INFORMATION (FINAL)**

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**FACILITY AND PROJECT DESCRIPTION**

**Existing Facility**

The existing facility consists of the following emissions units.

|                         |                            |
|-------------------------|----------------------------|
| Facility ID No. 1170362 |                            |
| ID No.                  | Emission Unit Description  |
| 002                     | Three Steam Boilers        |
| 003                     | Three Emergency Generators |

**FACILITY REGULATORY CLASSIFICATION**

- The facility is not a major source of hazardous air pollutants (HAP).
- The facility has no units subject to the acid rain provisions of the Clean Air Act (CAA).
- The facility is not a Title V major source of air pollution in accordance with Chapter 213, F.A.C.
- The facility is not a major stationary source in accordance with Rule 62-212.400 Prevention of Significant Deterioration, F.A.C.
- This facility is a synthetic minor source.

**PERMIT HISTORY/AFFECTED PERMITS**

Renews Air Operation Permit No. 1170362-004-AO.

## SECTION 2. ADMINISTRATIVE REQUIREMENTS (FINAL)

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1. Permitting Authority: The permitting authority for this project is the Florida Department of Environmental Protection, Central District Waste & Air Resource Programs. The Central District's mailing address and phone number is:

Florida Department of Environmental Protection  
Central District Office  
Waste & Air Resource Programs  
3319 Maguire Blvd., Ste. 232  
Orlando, FL 32803-3767  
Telephone: 407-897-4100  
DEP\_CD@dep.state.fl.us

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 Central District Compliance Assurance Program. Electronic submittals are preferred. (Use the above addresses 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;
  - d. Appendix D. Common Testing Requirements;
  - e. Appendix E. 40 CFR 60, Subpart A- General Provisions; and
  - f. Appendix F. 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 operation of the subject emissions units shall be in accordance with the capacities and specifications stated in the application. The facility is subject to all applicable provisions of: Chapter 403, F.S.; and Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-296 and 62-297, F.A.C. Issuance of this permit does not relieve the permittee from compliance with any applicable federal, state, or local permitting or regulations.
5. New or Additional Conditions: For good cause shown and after notice and an administrative hearing, if requested, the Department may require the permittee to conform to new or additional conditions. The Department shall allow the permittee a reasonable time to conform to the new or additional conditions, and on application of the permittee, the Department may grant additional time.  
[Rule 62-4.080, F.A.C.]
6. Modifications: Unless otherwise exempt by rule, the permittee shall not initiate any construction, reconstruction, or modification at the facility and shall not install/modify any pollution control device at the facility without obtaining prior authorization from the Department. Modification is defined as: Any physical change or changes in the method of operations or addition to a facility that would result in an increase in the actual emissions of any air pollutant subject to air regulations, including any not previously emitted, from any emission unit or facility.  
[Rules 62-210.200 - Definition of "Modification" and 62-210.300(1)(a), F.A.C.]

## SECTION 2. ADMINISTRATIVE REQUIREMENTS (FINAL)

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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 must be submitted electronically in accordance with the instructions received with the AOR package sent by the Department. [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 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.7** and **B.5**, if not previously submitted; and,
  - copies of the most recent two months of records/logs specified in Specific Condition No(s). **A.13** and **B.11**.

[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. FACILITY-WIDE AND EMISSIONS UNIT SPECIFIC CONDITIONS (FINAL)**

**A. EU No. 008 Three Steam Boilers**

This section of the permit addresses the following emissions unit/units.

| ID No. | Emission Unit Description  |
|--------|--|
| 002    | Three Steam Boilers. <ul style="list-style-type: none"><li data-bbox="321 348 1438 453">• Boiler No. 1 is manufactured by Johnston, has a maximum heat input rating of 12.5 million British thermal units per hour (MMBTU/hr) and was installed in May 1989. This boiler is fired by only natural gas.</li><li data-bbox="321 464 1438 569">• Boiler No. 2 is manufactured by York Shipley, has a maximum heat input rating of 12.5 MMBTU/hr and was installed in 1984. This boiler is fired by only natural gas.</li><li data-bbox="321 579 1438 684">• Boiler No. 3 is manufactured by Johnston and has a maximum heat input rating of 16.4 MMBTU/hr. This boiler was installed in 2007 and is fired by natural gas and diesel fuel as an emergency backup</li></ul> |

**PERFORMANCE RESTRICTIONS**

A.1. Federal Regulatory Requirements: Boiler No. 3 is subject to 40 CFR 60 Subpart A and 40 CFR 60 Subpart Dc- Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units, applicable to a steam generating unit for which construction, modification, or reconstruction is commenced after June 9, 1989 and that has a maximum design heat input capacity of 100 MMBtu/hr or less, but greater than or equal 10 MMBtu/hr , which is adopted by reference in Rule 62-204.800, F.A.C.  
[Rule 62-204.800, F.A.C.]

*{Permitting Note: Regarding 40 CFR 60 Subpart Dc, the boiler is only subject to the recordkeeping requirements.}*

A.2. Permitted Capacity: The total natural gas usage for this emission unit is limited to 316.4 million cubic feet (MMcf) per any consecutive 12-month period.  
[Permit Application dated January 28, 2013 and Rule 62-210(247), “Potential to Emit, (PTE)” F.A.C.]

A.3. Authorized Fuel: The three boilers are only permitted to fire natural gas as a primary fuel. Boiler No 3 is allowed to fire No. 2 fuel oil as an emergency backup. The sulfur content of the No.2 fuel oil shall not exceed 15 parts per million (ppm) by weight.  
[Permit Application dated January 28, 2013 and Rule 62-210(247), “Potential to Emit,” F.A.C.]

A.4. Restricted Operation: The hours of operation are not limited (8,760 hours per year).  
[Permit Application dated January 28, 2013 and Rule 62-210(247), “Potential to Emit,” F.A.C.]

**EMISSIONS STANDARDS**

A.5. Visible Emissions Standard : The visible emissions from each steam boiler shall not exceed 20 percent opacity, except for one 2-minute period per hour during which the opacity shall not exceed 40 percent.

**SECTION 3. FACILITY-WIDE AND EMISSIONS UNIT SPECIFIC CONDITIONS (FINAL)**

**A. EU No. 008 Three Steam Boilers**

[Permit 1170362-004-AO, Permit Application dated January 28, 2013; and Rule 62-296.406(1), F.A.C.]

- A.6. Particulate and Sulfur Dioxide Emissions Standard: The amount of particulate and sulfur dioxide emissions from the steam boilers shall be limited by the firing of natural gas or diesel fuel with a maximum sulfur content of 15 ppm by weight.  
[Permit 1170362-004-AO, Permit Application dated January 28, 2013, Rule 62-296.406(2)&(3), F.A.C. and 40CFR60, Subpart Dc, §60.44c (g)]

**TESTING REQUIREMENTS**

- A.7. Compliance Tests: Prior to renewal, the emissions unit shall be tested to demonstrate compliance with the emissions standards for visible emissions.  
[Rule 62-297.310, F.A.C.]
- A.8. Test Requirements: Tests shall be conducted in accordance with the applicable requirements specified in Appendix D (Common Testing Requirements) of this permit.  
[Rule 62-297.310, F.A.C.]
- A.9. Test Method: Required tests shall be performed in accordance with the following reference method(s).

| Method(s) | Description of Method and Comments                                       |
|-----------|--|
| 9         | Visual Determination of the Opacity of Emissions from Stationary Sources |

The above method is described in Appendix A of 40 CFR 60 and 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 and 62-297.401, F.A.C.; and Appendix A of 40 CFR 60]

- A.10. Fuel Certification Requirements: In order to demonstrate ongoing compliance with Specific Condition No. **A.3.**, the permittee shall maintain fuel supplier certifications for each shipment of fuel oil received. The certifications shall include the following information for distillate oil:
- (i) The name of the oil supplier and either (ii) and (iii), or (iv) of the following.
  - (ii) A statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in §60.41c of 40CFR 60, Subpart Dc.
  - (iii) The sulfur content or maximum sulfur content of the oil.
  - (iv) Documentation that the fuel is ultra low sulfur diesel (e.g., fuel delivery receipt).

The records of the fuel supplier certifications that are maintained shall represent all of the fuel oil combusted in the boiler.

## SECTION 3. FACILITY-WIDE AND EMISSIONS UNIT SPECIFIC CONDITIONS (FINAL)

### A. EU No. 008 Three Steam Boilers

[Rules 62-210. 210(247) “Potential To Emit” and 62-4.070(3), F.A.C. and 40CFR60, Subpart Dc, §60.48C (f)]

*{Permitting Note: Distillate oil means fuel oil that complies with the specifications for fuel oil numbers 1 or 2, as defined by the American Society for Testing and Materials in ASTM D396 (incorporated by reference, see 40 CFR 60.17) or diesel fuel oil numbers 1 or 2, as defined by the American Society for Testing and Materials in ASTM D975.}*

### NOTIFICATION REQUIREMENTS

- A.11. Test Notification: The permittee shall notify the Compliance Authority 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.

[Rules 62-4.070(3) and 62-297.310(7)(a)9., F.A.C.]

### RECORDS AND REPORTS

- A.12. Test Reports: The permittee shall prepare and submit reports for all required tests in accordance with the requirements specified in Appendix D (Common Testing Requirements) of this permit.

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

- A.13. Monthly Recordkeeping Requirements: In order to demonstrate compliance with Specific Condition Nos. **A.2.**, **A.3.**, **A.6.**, and **A.10.**, the permittee shall maintain a log at the facility for a period of at least five (5) years from the date the data is recorded and made available to the Department upon request. The log shall contain the following:

- a. Facility Name, Facility ID No. (i.e., 1170362);
- b. Month and year of record;
- c. Consecutive twelve-month total of each type and quantity of fuel used to fire each boiler; and,
- d. Fuel certifications required by condition number **A.10.**

**Monthly logs shall be completed by the end of the following month.**

Note: A consecutive 12 month total is equal to the total for the month in question plus the totals for the eleven months previous to the month in question. A consecutive 12-month total treats each month of the year as the end of a 12-month period. A 12-month total is not a year-to-date total. Facilities that have not been operating for 12 months should retain 12 month totals using whatever number of months of data are available until such a time as a consecutive 12 month total can be maintained each month

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

**SECTION 3. FACILITY-WIDE AND EMISSIONS UNIT SPECIFIC CONDITIONS (FINAL)**

**B. EU 003 – Three Emergency Generators**

This section of the permit addresses the following emissions unit.

| <b>ID No.</b> | <b>Emission Unit Description</b>   |
|---------------|--|
| 003           | Three Emergency Generators <ul style="list-style-type: none"><li>• Generators 1 and 2 are both located at 601 East Altamonte Drive and are rated at 800 kilowatts (kW).</li><li>• The third Generator (referred to by the applicant as Generator No. 5) is located at 661 East Altamonte Drive and is rated at 150-kW.</li></ul> |

**PERFORMANCE RESTRICTIONS**

- B.1. Permitted Capacity: The total fuel oil usage for this emission unit is limited to 62,245 gallons per any consecutive 12-month period.  
[Permit Application dated January 28, 2013 and Rule 62-210.(247), “Potential to Emit, (PTE)” F.A.C.]
- B.2. Authorized Fuel: The three generators are only permitted to fire No. 2 fuel oil with a maximum sulfur content of 15 parts per million (ppm) by weight.  
[Permit Application dated January 28, 2013 and Rule 62-210(247), “Potential to Emit,” F.A.C.]
- B.3. Restricted Operation: The hours of operation are limited to 500-hours per year.  
[Permit Application dated January 28, 2013 and Rule 62-210(247), “Potential to Emit,” F.A.C.]

*Permitting Note: This restriction is accepted by the applicant in order to keep the facility a synthetic minor source of emissions.*

**EMISSIONS STANDARDS**

- B.4. Visible Emissions Standard: The visible emissions from each generator shall not exceed 20 percent opacity.  
[Rule 62-296.406(1), F.A.C.]

**TESTING REQUIREMENTS**

- B.5. Compliance Tests: Prior to renewal, the emissions unit shall be tested to demonstrate compliance with the emissions standards for visible emissions.  
[Rule 62-297.310, F.A.C.]
- B.6. 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.]

**SECTION 3. FACILITY-WIDE AND EMISSIONS UNIT SPECIFIC CONDITIONS (FINAL)**

**B. EU 003 – Three Emergency Generators**

B.7. Test Method: Required tests shall be performed in accordance with the following reference method(s).

| Method(s) | Description of Method and Comments                                       |
|-----------|--|
| 9         | Visual Determination of the Opacity of Emissions from Stationary Sources |

The above method is described in Appendix A of 40 CFR 60 and 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 and 62-297.401, F.A.C.; and Appendix A of 40 CFR 60]

B.8. Fuel Certification Requirements: In order to demonstrate ongoing compliance with Specific Condition No. **B.2.**, the permittee shall maintain fuel supplier certifications for each shipment of fuel oil received. The certifications shall include the following information for distillate oil:

- (i) The name of the oil supplier and either (ii) and (iii), or (iv) of the following.
- (ii) The sulfur content shall not exceed 15 parts per million by weight.
- (iii) The fuel must have a minimum cetane index of 40 or must have a maximum aromatic content of 35 volume percent;
- (iv) Documentation that the fuel is ultra low sulfur diesel (e.g., fuel delivery receipt).

The records of the fuel supplier certifications that are maintained shall represent all of the fuel combusted in the generators.

[Rules 62-210. 210.(247) (PTE) and 62-4.070(3), F.A.C.]

*Permitting Note: Distillate oil means fuel oil that complies with the specifications for fuel oil numbers 1 or 2, as defined by the American Society for Testing and Materials in ASTM D396 (incorporated by reference, see 40 CFR 60.17) or diesel fuel oil numbers 1 or 2, as defined by the American Society for Testing and Materials in ASTM D975.*

**NOTIFICATION REQUIREMENTS**

B.9. Test Notification: The permittee shall notify the Compliance Authority 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.

[Rules 62-4.070(3) and 62-297.310(7)(a)9., F.A.C.]

**RECORDS AND REPORTS**

**SECTION 3. FACILITY-WIDE AND EMISSIONS UNIT SPECIFIC CONDITIONS (FINAL)**

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**B. EU 003 – Three Emergency Generators**

- B.10 Test Reports: The permittee shall prepare and submit reports for all required tests in accordance with the requirements specified in Appendix D (Common Testing Requirements) of this permit.  
[Rule 62-297.310(8), F.A.C.]
- B.11. Monthly Recordkeeping Requirements: In order to demonstrate compliance with Specific Condition Nos. **B.1, B.2., and B.3.,** and **B.8.,** the permittee shall maintain a log at the facility for a period of at least five (5) years from the date the data is recorded and made available to the Department upon request. The log shall contain the following:
- a. Facility Name, Facility ID No. (i.e., 1170362);
  - b. Month and year of record;
  - c. Consecutive twelve-month total of the quantity of fuel used to fire each generator;
  - d. Consecutive twelve-month total of operational hours for each generator; and,
  - e. Fuel certifications required by condition number **B.8.**

**Monthly logs shall be completed by the end of the following month.**

Note: A consecutive 12 month total is equal to the total for the month in question plus the totals for the eleven months previous to the month in question. A consecutive 12-month total treats each month of the year as the end of a 12-month period. A 12-month total is not a year-to-date total. Facilities that have not been operating for 12 months should retain 12 month totals using whatever number of months of data are available until such a time as a consecutive 12 month total can be maintained each month.

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